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UNITED STATES DEPARTMENT OF THE INTERIOR
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BUREAU OF COMMERCIAL FISHERIES

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STATISTICAL DIGEST 60

FISHERY STATISTICS OF THE UNITED STATES

1966

BY

Charles H. Lyles

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Fishery statistics of the United States are compiled and published annually to make available information on both the economic and biological aspects of the domestic commercial fisheries.

Data on the economic aspects are necessary to persons engaged in the commercial fishery and to governmental agencies concerned with its regulation and protection. Those here given cover the total catch and value by species, the yield and value of processed products, the employment of men, craft, and gear in the capture of fishery products; and related information.

From the biological standpoint these data are important to sound fishery management in providing detailed information on fluctuations in the commercial catch by species, locality, and gear, and type of craft operated. They assist conservation agencies in regulating the commercial fisheries so as to produce maximum yields without depletion.

Previous statistical reports on the fishery industries were issued under the Department of the Interior in the Administrative Report series for 1938 and in the Statistical Digest series for succeeding years. Reports for preceding years were issued in the Administrative Report series of the former Bureau of Fisheries.

The following is a listing of the various editions of "Fishery Statistics of the United States" issued since 1939:

Statistical Digest Number	Title
1	Fishery Statistics of the United States, 1939
4	Fishery Statistics of the United States, 1940
7	Fishery Statistics of the United States, 1941
11	Fishery Statistics of the United States, 1942
14	Fishery Statistics of the United States, 1943
16	Fishery Statistics of the United States, 1944
18	Fishery Statistics of the United States, 1945
19	Fishery Statistics of the United States, 1946
21	Fishery Statistics of the United States, 1947
22	Fishery Statistics of the United States, 1948
25	Fishery Statistics of the United States, 1949
27	Fishery Statistics of the United States, 1950
30	Fishery Statistics of the United States, 1951
34	Fishery Statistics of the United States, 1952
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39	Fishery Statistics of the United States, 1954
41	Fishery Statistics of the United States, 1955
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57	Fishery Statistics of the United States, 1963
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FISHERY STATISTICS OF THE UNITED STATES, 1966

CHARLES H. LYLES, Chief, Branch of Fishery Statistics

Division of Economics

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The cooperation of the many contributors is gratefully acknowledged. Contributors are given credit for their information in the section of the report in which the data appear.

PREFACE

This report contains a review of the fishery statistics for the year 1966 collected by the Branch of Fishery Statistics, Division of Economics. These statistics include data on the volume and value of the landings of fishery products, employment in the fisheries, quantity of gear operated, number of fishing craft employed in the capture of fishery products, information on the volume and value of the production of processed fishery products, data on cold storage freezings and holdings, and on foreign trade in fishery commodities.

Data on employment of fishermen, fishing craft and gear in the fisheries, and on the landings of fish, shellfish, etc., are shown for States having commercial fisheries. There is also information on the pack of canned tuna and industrial products for Puerto Rico and American Samoa included in the processed products tables. In Section 11, Puerto Rico landing data are also shown.

In all of the landing tables in this report, except the one on page entitled, "U.S. Landings, 1966 - Live Weight Basis," the volume of fish, crustaceans, and such mollusks as squid is shown in round (live) weight. However, the weights shown for univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.,) represent the weights of meats, excluding the shell. The weight of shells omitted from the catch in 1966 amounted to about billion pounds. It should be noted, however, that the table on page "World Landings of Fish, Crustaceans, Mollusks, Etc., by Countries" is shown on a live weight basis.

In assembling the data on the fisheries, all appropriate records collected by the various State fishery agencies were used. In certain areas, information complete enough to be used by the Statistical agents was available from State agencies, and in these States, only partial surveys were conducted. Information on the means of collecting the data and an explanation of terms used may be found in Section of this publication.

Complete statistical surveys covering the fisheries of the United States were conducted in all areas for 1966. The first complete survey of the fisheries of the United States was made by the Bureau of the Census for 1908. Others were made by the Bureau of Fisheries and the Fish and Wildlife Service for the years 1931, 1950, and for the years 1954 to 1960 and for 1962, 1963 and 1964.

SECTION 1 - GENERAL REVIEW

The U.S. commercial catch of fish, shellfish, and other aquatic life was 4.4 billion pounds worth a record $472.4 million to the fishermen. Compared with the previous year this catch declined 410.9 million pounds but increased $26.7 million. There were record landings of king crabs, clams, bonito, and Pacific hake; and record values for shrimp, salmon, crabs, northern lobsters, flounders, clams, haddock, red snapper, scup, bay scallops, and a number of other lesser species.

There were 135,636 fishermen operating a record 12,677 vessels of 5 net tons or greater and 69,445 motor boats and other boats--7,071 fishermen, 366 vessels, and 2,224 motor and other boats more than in 1965. The 456,458 gross tons of the U.S. fleet averaged 36 gross tons per vessel--an average increase of 1 ton per vessel compared with the previous year. In 1960, the average U.S. fishing vessel was 33 gross tons.

Fishermen took 872.5 million pounds of shellfish worth $218.7 million, an average of 25 cents per pound--the same as in 1964 and 1965. Shellfish accounted for 46 percent of the value but only 20 percent of the volume of U.S. landings. In the Middle Atlantic, Chesapeake, South Atlantic, and Gulf States the value of shellfish exceeded the value of finfish landings.

Disposition of catch. In 1966, as in the previous year, landings used for human food (2.6 billion pounds) exceeded the quantity taken for industrial products (1.8 billion pounds). The latter include the items processed into meal, oil, and solubles; used for bait; fed to fur bearing animals and pets; and manufactured into such items as shell buttons, and pearl essence and novelties. Bureau statisticians estimate that the 1966 catch was used as follows: 2,572 million pounds (round weight) for human food--of which 1,601 million were used fresh and frozen, 894 million were canned, and 77 million were cured; 236 million were used for bait and animal food--of which 124 million were fresh and frozen and 112 million were canned; and 1,558 million pounds which were processed into industrial products (principally meal, oil, and solubles).

Per Capita consumption. The per capita consumption of commercially caught fish and shellfish in the United States was 10.6 pounds (edible weight)--0.3 pounds less than in the previous year.

Per capita consumption of commercially caught fish and shellfish, 1961-66
(Edible weight)

Year	Pounds	Year	Pounds
1961..........	10.7	1964........	10.5
1962..........	10.6	1965........	10.9
1963..........	10.6	1966........	10.6

Vessels. The Bureau of Customs documented 816 vessels as fishing craft in 1966--153 more than in the previous year. Of this number, 785 vessels obtained their first documents and the remaining 31 were redocumented. The Gulf States led all areas with 373 vessels obtaining documents as fishing craft; the Pacific Coast States were next with 202 vessels.

Of the 816 vessels added to the U.S. fishing fleet, 551 were constructed in 1966; 68 in 1965 (but were completed too late to obtain documents in that year); and 197 in years prior to 1965. One of the latter was built in 1896, and for 15 the year of construction is unknown. The remaining 181 vessels were built in the years between 1906 and 1964. Of this number, 43 were 2 to 10 years old (built between 1957 and 1964), 40 were between 11 and 20 years (built between 1947 and 1956), and 98 were 21 years or older (built prior to 1947).

The 551 vessels constructed in 1966 totaled 37,634 gross tons; the 68 vessels built in 1965 totaled 1,985 gross tons. Only 1 of these was less than 100 gross tons, 53 were 100 to 199, and 14 were 200 to 735 gross tons. The latter class included Connie Jean, the largest fishing vessel constructed in 1966. This vessel, destined for tuna fishing in the Pacific Ocean, is 136 feet long and has a 1,600-horsepower main engine.

A marked trend, begun in 1965, continued to develop toward construction of shrimp vessels larger than in the past. Many of these new vessels (100 gross tons or more) installed engines of 300-to 350-horsepower or greater. Some of these craft were destined for the Caribbean Sea fisheries, but others were intended for nearby fishing grounds. These larger vessels with greater horsepower reduced the running time between port and fishing grounds and generally contributed toward a more efficient operation.

Another trend was the increasing use of steel as a construction material. In 1966, 169 vessels were built of steel--compared with 118 in the previous year.

Principal States. Louisiana again led the Nation in the volume of landings--662.8 million pounds (15 percent of the U.S. catch). Alaska was next with 581.7 million pounds, followed by California, 460.9 million; Virginia, 418.4 million;

and Massachusetts, 409.7 million pounds. These five States had 58 percent of the U.S. landings.

Alaska led all States in exvessel value of landings with $80.7 million--17 percent of the value of the Nation's catch. California was next with $55.6 million, followed by Massachusetts, $46.2 million; Texas, $42.9 million; and Louisiana, $39.9 million. These five States accounted for 56 percent of the exvessel value of landings.

Principal ports. San Pedro, Calif., led all ports in volume of landings with 267.0 million pounds. Pascagoula, Miss., was next with 224.7 million pounds, followed by Reedville, Va., 222.3 million; Beaufort, N.C., 175.0 million; and Cameron, La., 166.9 million pounds. Boston, Mass., continuing the downward trend of the past few years, was 12th in volume of landings. In 1932 it was the Nation's leading port.

Processed products. Processed fishery products (canned, packaged fresh and frozen, cured, and industrial) in the United States, American Samoa, and Puerto Rico were worth a record $1.2 billion in 1966--an increase of 10 percent compared with the previous year. Canned products accounted for 46 percent of the total value; packaged fresh and frozen, 44 percent; industrial, 6 percent; and cured, 4 percent. The Pacific Coast States led in processing, with products valued at $448.0 million, followed by the Gulf States, $219.6 million; New England States, $165.1 million; and the Middle Atlantic States, $98.8 million. In 1966, the 4,187 wholesaling and processing establishments had 88,748 employees.

The pack of canned fishery products was 40.8 million standard cases (1.2 billion pounds) worth a record $563.7 million--2.4 million cases and $68.5 million more than in 1965. The gain in production resulted principally from record packs of tuna, crab meat, and clam products; and from increases in the packs of salmon, Maine sardines, alewives, and tunalike fish. The value of three items--salmon, tuna, and animal food--accounted for 82 percent of the total value received by the packers. Fresh and frozen packaged fish and shellfish (fillets and steaks, fish sticks and portions, shrimp and other shellfish products, specialty dinners, etc.) reached a record value of $542.1 million--11 percent more than in 1965. Cured fishery products of 65.8 million pounds were worth $52.5 million--declines of 8.7 million pounds and $1.7 million compared with a year earlier. Industrial products were valued at $73.1 million in 1966--a decline of $9.8 million compared with the previous year.

Menhaden. Landings of menhaden were 1,308 million pounds--418.4 million pounds (24 percent) less than in the previous year and well below the 1962-66 average of 1,754 million pounds.

Table 1.--Menhaden landings, by area, 1962-66

Area	1962	1963	1964	1965	1966
	Million pounds				
New England............	23.7	.4	(1)	(1)	(1)
Middle Atlantic.........	782.5	372.8	139.3	151.0	22.0
Chesapeake.............	327.9	259.0	336.4	360.0	277.9
South Atlantic.........	157.2	215.9	190.2	192.3	215.1
Total Atlantic Coast..	1,291.3	848.1	665.9	703.3	515.0
Gulf...................	1,056.6	967.7	904.1	1,022.8	792.7
Grand Total..........	2,347.9	1,815.8	1,570.0	1,726.1	1,307.7

[1] Less than 50,000 pounds.

The menhaden fishery, which has led all others in volume of landings since 1946, has declined steadily in recent years. Despite improvements in the menhaden purse seine fleet and in fishing techniques, production has trended downward. Scientists attribute the diminishing catch to overfishing along the Atlantic coast and recommend a curtailment of fishing to permit replenishment of the resource. The irony of the menhaden fishery failure is that it is one of the few U.S. fisheries with a fleet sufficiently modern, well equipped, and efficient to compete successfully with foreign fishermen.

The decline of the menhaden fishery was reflected in a domestic production of menhaden meal (135,000 tons) and oil (144.2 million pounds) that was 23 and 18 percent less,

Table 2.--Average monthly price of menhaden meal[1]
f.o.b. east coast ports, 1962-66

Month	1962	1963	1964	1965	1966
	Dollars per short ton				
January..................	120.40	131.35	132.00	144.15	[2] 179.80
February.................	122.00	129.00	130.00	146.25	[2] 172.50
March....................	123.00	126.15	128.25	150.00	[2] 170.60
April....................	124.00	126.50	128.00	153.00	[2] 163.00
May......................	125.25	125.00	128.25	156.00	[2] 153.80
June.....................	123.00	125.00	129.80	160.90	160.35
July.....................	122.70	125.00	130.90	170.25	164.00
August...................	123.25	125.00	131.00	172.10	169.00
September................	123.75	125.00	132.90	175.00	166.20
October..................	126.80	127.70	140.20	135.40	160.00
November.................	128.25	129.25	140.75	186.00	151.55
December.................	130.50	133.90	140.75	186.00	153.10
Average[3]................	124.40	127.40	132.75	165.40	163.65

[1] 60 percent protein, bagged, as quoted at New York City.
[2] Nominal price as presented in the Oil, Paint and Drug Reporter.
[3] Simple average.

Sources:--U.S. Department of the Interior, Bureau of Commercial Fisheries, and the Oil, Paint and Drug Reporter.

Table 3.--Average monthly price of Peruvian fish meal[1]
f.o.b. east coast ports, 1962-66

Months	1962	1963	1964	1965	1966
	Dollars per short ton				
January..................	114.70	128.00	133.25	141.60	173.00
February.................	121.75	123.00	133.25	144.90	170.90
March....................	125.10	121.90	132.40	142.70	165.80
April....................	130.50	118.50	126.00	148.40	153.75
May......................	127.70	118.90	126.10	153.75	155.40
June.....................	120.00	118.10	125.70	166.50	155.50
July.....................	119.10	117.80	130.00	172.90	161.00
August...................	118.75	115.85	132.90	181.00	161.00
September................	120.90	117.10	134.70	182.50	152.25
October..................	126.20	122.75	140.00	184.90	143.10
November.................	136.40	123.25	141.50	186.00	144.80
December.................	126.75	130.40	141.50	180.25	152.50
Average[2]................	124.00	121.30	133.10	165.45	157.40

[1] 65 percent protein, bagged, as quoted at New York City.
[2] Simple average.

respectively, than in the previous year. The total domestic production of fish meal was 224,153 tons--down 12 percent compared with 1965. Imports of fish meal, however, were a record 447,784 tons--67 percent of the U.S. total production and imports.

The January 1966 price of menhaden meal averaged $180 per ton--the highest price per ton reached during the year. By May, prices were down to $154 per ton. The price increased in August, however, to $169 per ton but had declined to $153 per ton by the end of the year.

Prices for Peruvian fish meal were somewhat less than for menhaden meal. They fluctuated about the same as those for menhaden meal.

Menhaden oil prices in 1966 averaged slightly more than in the previous year.

Table 4.--Average monthly price of menhaden oil[1] f.o.b. U.S. east coast plants, 1962-66

Month	1962	1963	1964	1965	1966
	Cents per pound				
January	4.75	4.70	8.40	9.15	9.50
February	4.75	5.40	8.35	9.50	9.70
March	4.75	5.50	8.50	9.50	9.75
April	4.75	5.75	8.75	9.50	9.75
May	4.70	5.60	8.50	9.45	9.75
June	4.40	6.50	8.65	9.15	9.60
July	4.20	6.75	8.75	8.95	9.40
August	4.25	7.10	8.80	9.30	9.00
September	4.05	7.30	9.05	9.50	9.45
October	3.95	7.60	9.20	9.50	9.45
November	4.00	7.75	9.40	9.50	9.20
December	4.00	8.00	9.40	9.50	8.90
Average[2]	4.40	6.50	8.80	9.35	9.45

[1] Crude oil in tank cars; prices quoted at New York City.
[2] Simple average.

Salmon. Landings of 387.7 million pounds of salmon worth a record $73.6 million to the fishermen increased 60.9 million pounds (19 percent) and $8.4 million (13 percent) compared with the previous year. The catch of Pacific salmon was the largest since 1949, chiefly because of increased landings of chum and pink salmon.

The pack of canned salmon, 4.4 million cases, was 724,000 cases more than in 1965, and the largest pack since 1952. The value of the pack was a record $136.1 million--a gain of $13.3 million compared with the previous year. High exvessel prices in all areas made the year one of the most profitable on record for most salmon fishermen. Alaska accounted for 92 percent of the volume and 89 percent of the value of the pack.

The pack of pink salmon was 2,068,600 cases--1,118,600 cases (118 percent) more than a year earlier. Despite the heavy pack,

Table 5.--Wholesale prices of canned pink salmon, by month, 1960-66

Month	1960	1961	1962	1963	1964	1965	1966
	Dollars per case[1]						
January	24.50	27.50	28.00	24.75	23.50	21.00	28.00
February	24.50	28.00	28.50	24.75	21.75	21.00	28.50
March	24.50	28.00	28.50	24.75	21.75	20.50	28.50
April	24.50	28.00	28.50	24.25	22.00	20.25	28.50
May	24.50	28.00	28.50	24.25	22.25	21.00	28.50
June	24.50	28.00	28.50	24.00	22.25	22.00	28.50
July	24.50	28.00	28.50	24.00	22.25	22.00	28.50
August	24.50	28.00	25.50	24.00	22.25	24.50	28.50
September	25.50	28.00	25.50	24.00	21.75	27.00	28.50
October	27.00	28.00	25.50	23.50	21.75	27.00	28.50
November	27.50	28.00	25.50	23.25	21.25	27.00	27.50
December	27.50	28.00	25.50	23.50	21.25	27.50	27.00
Annual average	25.29	27.96	27.46	24.08	22.00	23.40	28.16

[1] Forty-eight 1-lb. talls.
Source:--U.S. Department of Labor, Bureau of Labor Statistics.

Table 6.--Imports and exports of canned salmon, 1950-66

Year	Quantity		Value		Trade balance (exports less imports)	
	Imports	Exports	Imports	Exports	Quantity	Value
	Thousand pounds		Thousand dollars		Thousand pounds	Thousand dollars
1950	419	1,681	113	811	+1,262	+698
1951	568	2,061	193	1,007	+1,493	+814
1952	9,544	1,427	3,215	820	-8,117	-2,395
1953	12,165	2,277	4,325	1,112	-9,888	-3,213
1954	11,371	7,227	3,723	3,715	-4,144	-8
1955	14,644	10,429	5,173	6,599	-4,215	+1,426
1956	28,802	5,213	11,650	3,606	-23,589	-8,044
1957	24,401	6,688	9,470	4,740	-17,713	-4,730
1958	29,226	9,227	11,271	6,669	-19,999	-4,602
1959	31,154	13,826	11,130	10,639	-17,328	-491
1960	19,113	11,924	7,541	9,830	-7,189	+2,289
1961	7,167	7,186	3,545	5,580	+19	+2,035
1962	6,843	8,978	3,436	7,292	+2,135	+3,856
1963	1,249	10,228	605	8,239	+8,979	+7,634
1964	236	20,924	128	14,852	+20,688	+14,724
1965	101	24,892	80	15,916	+24,791	+15,836
1966	589	20,484	345	14,561	+19,895	+14,216

Table 7.--Index of wholesale crab meat price[1]

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
	1957-59 = 100												
1949	83.3	101.0	120.2	60.6	60.6	60.6	64.6	65.7	48.0	60.6	64.6	63.1	71.2
1950	73.2	80.8	90.9	55.6	58.1	53.0	58.1	59.6	83.3	55.6	55.6	81.8	67.2
1951	93.4	118.7	85.9	85.9	55.6	50.5	50.5	55.6	55.6	68.2	80.8	63.1	71.7
1952	80.8	83.3	90.9	60.6	63.1	65.7	65.7	64.6	71.7	68.2	88.4	101.0	75.3
1953	111.1	118.7	131.3	66.7	80.8	73.2	73.2	68.2	64.6	65.7	61.6	53.0	80.8
1954	70.7	80.8	93.4	63.1	64.6	59.6	51.5	70.7	83.3	69.7	107.1	107.1	76.8
1955	126.3	151.5	103.5	138.9	79.8	69.7	93.4	79.8	56.6	56.6	83.3	59.6	91.4
1956	88.4	68.2	88.4	93.4	84.8	68.2	68.2	88.4	83.3	75.8	83.3	111.1	83.3
1957	154.0	101.0	151.5	189.4	79.8	81.8	88.4	90.9	79.8	81.8	85.9	120.2	108.6
1958	138.9	142.4	142.4	145.5	83.3	78.3	85.9	75.8	73.2	81.8	76.8	78.3	100.0
1959	101.0	93.4	101.0	85.9	103.5	79.8	94.9	90.9	88.4	85.9	101.0	109.6	94.4
1960	112.1	130.3	143.9	123.7	91.9	103.5	85.9	85.9	85.9	69.7	78.3	81.8	99.5
1961	78.3	94.2	68.2	70.7	69.2	90.9	75.8	79.3	80.8	85.9	86.9	107.6	80.8
1962	138.9	96.0	138.9	113.6	82.3	90.9	85.9	101.0	90.9	126.3	103.5	113.6	107.1
1963	98.5	106.1	116.2	106.1	103.5	126.3	106.1	83.4	84.8	89.9	103.5	89.4	101.5
1964	103.5	123.7	116.2	131.3	101.0	101.0	106.1	126.3	113.6	97.0	111.1	96.0	110.6
1965	103.5	136.4	176.8	143.9	96.0	94.9	97.0	93.4	93.4	94.9	98.5	103.5	111.1
1966	97.0	120.2	123.7	128.8	110.1	113.6	107.1	105.1	105.1	105.1	113.6	120.2	112.6

[1] At New York, for Virginia lump meat. Price on 15th of month.
Source: New York Market News Service.

wholesale prices remained firm. In January 1966, pink salmon was $28.00 per case, for 48 one-pound tall cans, and in December was $27.00 per case (table 5).

Imports of canned salmon were the highest since 1963. Exports declined slightly but were considerably greater than the 1961-65 average (table 6).

Crabs. Landings of all species of crabs were a record 372.4 million pounds worth a record $33.0 million--a gain of 37.0 million pounds and $2.2 million compared with 1965, the former record year. A peak production of king crabs (159.2 million pounds) and a near record catch of Dungeness crabs (39.7 million pounds) were 21 and 37 percent more, respectively, Table 8.--Average retail price per can of six 6-1/2-oz, light chunk tuna in leading cities in the United States, by month, 1957-66

Month	1957	1958	1959	1960	1961	1962	1963	1964[1]	1965	1966
	Cents per can									
January........	31.9	32.5	33.7	33.2	32.4	33.9	34.4	31.7	32.4	32.2
February.......	32.0	32.7	33.6	32.2	32.3	34.2	34.4	31.8	32.2	32.9
March..........	32.0	32.8	33.5	32.2	32.2	34.4	34.2	31.7	32.0	34.2
April..........	31.9	32.9	33.5	32.5	32.5	34.7	34.1	31.8	31.8	34.9
May............	32.0	32.9	33.4	32.6	32.2	34.9	34.3	31.9	31.8	36.2
June...........	32.1	32.9	33.3	32.7	32.4	35.1	34.3	31.8	31.9	36.3
July...........	32.2	32.9	33.3	32.8	32.4	35.1	33.8	32.1	31.9	36.4
August.........	32.1	33.1	33.2	32.9	32.2	35.1	33.0	32.1	32.2	36.4
September......	32.1	33.2	32.6	32.7	32.0	35.3	32.6	32.1	32.2	36.3
October........	32.1	33.5	32.1	32.5	32.5	34.8	32.5	32.2	32.1	35.7
November.......	32.1	33.7	32.3	32.6	32.9	34.6	32.6	32.5	31.8	35.8
December.......	32.2	33.8	32.2	32.5	33.3	34.4	31.3	32.4	31.9	36.1
Annual average.	32.1	33.1	33.1	32.5	32.4	34.7	33.6	32.0	32.0	35.4

[1] Began new series January 1964. Changes were made in cities covered in survey.

Source: U.S. Department of Labor, Bureau of Labor Statistics.

than in 1965, and accounted for most of the increase. Compared with 1965, landings of blue crabs along the Atlantic and Gulf coasts declined slightly in all areas except the Chesapeake States (table 7).

Tuna. Landings of tuna by the U.S. fleet at ports in continental United States and Hawaii were 269.2 million pounds worth $44.8 million--a decline of 49.7 million pounds (16 percent) but an increase of $3.1 million (7 percent) compared with 1965. The highest exvessel prices in history were received at California ports early in the year and largely accounted for the gain in value. Later in the year, prices declined slightly.

The decreased landings resulted mainly from a declining production of skipjack and yellowfin tunas. Landings of skipjack (60.6 million pounds) and yellowfin (133.1 million pounds) were 40 and 16 percent less, respectively, than in the previous year. Bluefin landings of 38.4 million pounds were 79 percent greater than in 1965. Landings of albacore tuna (37.0 million pounds) were about the same as in the previous year.

Despite a decline in landings, the pack was a record 20.0 million cases--10 percent more than a year earlier. The gain resulted from increased landings by U.S. vessels in Puerto Rico, which are not included in domestic landings statistics, and from imports of frozen tuna.

According to the Bureau of Labor Statistics, retail prices for 6-1/2-oz. light meat chunk tuna began the year at 32.2 cents and ended the year at 36.1 cents (table 8).

The pack from both domestic and imported fish, plus imported canned tuna, reached an alltime high of 455.8 million pounds--a gain of 11 percent compared with the previous year.

Per capita consumption of canned tuna, which has increased from 1.6 pounds in 1956 to 2.3 in 1965, remained at 2.3 pounds in 1966.

Shrimp. Landings of shrimp were 239.0 million pounds worth a record $96.3 million--a decline of 4.6 million pounds but an increase of $13.9 million compared with the previous year. The value was an alltime high not only for shrimp but also for any other fishery. Relatively high exvessel prices throughout the year contributed to the record value.

The general prosperity of the shrimp industry was reflected in the construction of new shrimp vessels. More new vessels, many of them larger than in the past, were added to the shrimp fleet than in any year since 1949.

An increasing consumer demand for shrimp has been only partially supplied by the domestic catch. The remainder has been imported each year in ever-increasing quantities. In 1966, 57 percent of the total quantity of shrimp available in the United States came from foreign sources--compared with 54 percent in the previous year.

Exvessel prices, relatively high all year, were reflected in retail prices for the various shrimp packages and preparations that cost more than in 1965 (table 9).

Table 9.--Exvessel and retail prices of shrimp, annual average, 1951-66

Year	Exvessel[1]	Retail[2]
	Cents per pound	
1951......	39	82
1952......	41	87
1953......	49	105
1954......	38	90
1955......	42	88
1956......	53	100
1957......	60	111
1958......	57	117
1959......	41	108
1960......	45	107
1961......	50	108
1962......	61	122
1963......	49	118
1964......	53	113
1965......	54	118
1966......	65	129

[1] Heads-off weight.

[2] Based on quotations for shrimp sold in independent fish stores and supermarkets in New York.

Source:--U.S. Department of the Interior, Bureau of Commercial Fisheries; Department of Markets, City of New York; and U.S. Department of Labor, Bureau of Labor Statistics.

The Bureau of Labor Statistics reported an almost unbroken upward trend in prices for both headless and peeled and deveined shrimp (tables 10 and 11).

Table 10.--Retail price for frozen shrimp, by month, 1964-66
(10-oz. package)

Year	January	February	March	April	May	June	July	August	September	October	November	December
	Dollars per pound											
1964..	1.115	1.114	1.094	1.088	1.077	1.067	1.056	1.059	1.066	1.077	1.085	1.102
1965..	1.118	1.114	1.154	1.157	1.155	1.157	1.189	1.197	1.190	1.195	1.202	1.205
1966..	1.214	1.211	1.226	1.248	1.262	1.267	1.278	1.299	1.333	1.352	1.365	1.379

Source:--U.S. Department of Labor, Bureau of Labor Statistics. Series began January 1964.

Table 11.--Retail price for peeled and deveined frozen shrimp at New York City, by months, 1964-66
(7-oz. package)

Year	January	February	March	April	May	June	July	August	September	October	November	December
	Dollars per pound											
1964..	2.427	2.251	2.050	1.979	1.961	1.957	1.902	1.961	1.826	1.943	1.826	1.879
1965..	1.957	1.952	1.925	1.941	1.938	1.961	1.968	1.911	1.909	1.901	1.922	1.938
1966..	1.920	1.959	1.991	2.055	2.130	2.107	2.110	2.137	2.144	2.203	2.185	2.222

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

Despite relatively high prices all year, the first of month cold storage holdings of shrimp did not show any appreciable gain until the last 2 months of the year. Even then the December holdings were only 3.3 million pounds more than the 5-year average (1961-65) for that month (table 12).

Table 12.--End of month shrimp cold storage holdings, January 1960 to December 1966

Month	1960	1961	1962	1963	1964	1965	1966
	Thousands of pounds[1]						
January...	44,465	51,713	29,322	38,344	56,927	45,056	39,165
February..	39,334	49,025	28,176	38,657	46,368	42,759	32,105
March.....	31,358	42,103	22,838	38,540	42,692	39,026	30,165
April.....	28,701	38,837	21,449	36,159	38,935	37,496	28,410
May.......	24,927	33,379	18,948	34,910	37,719	34,776	26,353
June......	22,909	28,442	18,296	33,723	35,518	32,637	23,714
July......	26,532	23,403	18,905	36,981	33,439	33,697	27,909
August....	32,448	20,330	18,400	37,997	32,017	33,197	27,404
September.	36,899	20,741	19,348	40,355	32,471	33,496	29,121
October...	43,659	26,293	28,487	51,328	37,264	38,548	35,421
November..	51,959	29,859	35,071	56,777	43,707	42,426	43,663
December..	54,354	28,295	39,744	59,116	48,516	41,461	46,685

[1] Product weight.

Flounders. Landings of flounders were 174.5 million pounds--5.6 million less than the record catch of the previous year. However, the value reached an alltime high of $20.2 million--a gain of $2.2 million compared with 1965, the former record year. The decrease was principally caused by the declining landings of yellowtail flounders at New Bedford, Mass.

Imports of flounder fillets were a record 34.7 million pounds, thus continuing the upward trend of recent years. (see table 15).

Table 13.--Sources and disposition of fresh and frozen flounders 1954-66

Year	Sources				Disposition	
	Landings	Imports	Beginning stocks[1]	Total	Ending stocks[2]	Apparent consumption
	Million pounds[3]					
1954......	110.0	29.0	15.0	154.0	8.1	145.9
1955......	110.4	36.0	8.1	154.5	16.1	138.4
1956......	115.3	37.2	16.1	168.6	14.1	154.5
1957......	117.4	41.0	14.1	172.5	16.2	156.3
1958......	124.9	41.7	16.2	182.8	14.8	168.0
1959......	121.6	40.9	14.8	177.3	16.1	161.2
1960......	127.0	52.8	16.1	195.9	21.0	174.9
1961......	133.1	51.9	21.0	206.0	17.1	188.9
1962......	155.3	52.0	17.1	224.4	17.4	207.0
1963......	176.8	46.8	17.4	241.0	22.6	218.4
1964......	176.4	60.8	22.6	259.8	25.4	234.4
1965......	180.1	68.0	25.4	273.5	18.5	255.0
1966......	174.5	97.7	18.5	290.7	28.8	261.9

[1] January 1 cold storage holdings. Round weight equivalent.

[2] December 31 cold storage holdings. Round weight equivalent.

[3] Round weight (factor for converting fillets to round weight is 2.82).

Table 14.--Wholesale prices of frozen flounder fillets, 1958-66[1]

Month	1958	1959	1960	1961	1962	1963	1964	1965	1966
	Cents per pound								
January......	39.5	41.5	37.5	39.0	39.5	39.5	39.0	36.5	40.0
February.....	39.5	41.5	37.5	39.0	39.5	39.0	39.0	35.0	42.0
March........	40.5	40.5	37.5	38.5	39.5	38.5	39.0	37.5	42.0
April........	39.5	39.5	38.0	38.5	39.5	38.5	37.0	37.0	43.0
May..........	39.5	38.5	37.5	38.5	39.5	39.0	36.5	39.0	43.0
June.........	39.5	39.0	39.0	39.0	38.0	39.5	36.5	39.0	43.0
July.........	39.5	39.0	38.5	38.5	39.0	39.5	37.5	38.5	43.0
August.......	40.5	37.5	39.0	38.5	39.5	39.0	37.5	39.0	43.0
September....	41.0	37.0	38.5	38.5	39.5	39.5	36.5	39.5	42.0
October......	41.5	38.0	39.0	38.5	39.5	39.5	36.0	39.5	43.0
November.....	41.5	37.8	39.5	38.5	41.0	39.0	35.0	41.0	43.5
December.....	41.5	37.5	39.0	38.5	39.5	39.0	36.5	40.0	45.0
Average......	40.3	38.9	38.4	38.6	39.5	39.1	37.2	38.5	42.7
	Wholesale price index of frozen flounder fillets (1957-59) = 100								
January.......	100.1	105.1	95.0	98.8	100.1	100.1	98.9	92.5	101.4
February......	100.1	105.1	95.0	98.8	100.1	98.9	98.9	88.7	106.4
March.........	102.6	102.6	95.0	97.6	100.1	97.6	98.9	95.0	106.4
April.........	100.1	100.1	96.3	97.6	100.1	97.6	93.8	93.8	109.0
May...........	100.1	97.6	95.0	97.6	100.1	98.9	92.5	98.8	109.0
June..........	100.1	98.8	98.8	98.8	96.3	100.1	92.5	98.8	109.0
July..........	100.1	98.8	97.6	97.6	98.9	100.1	95.0	97.6	109.0
August........	102.6	95.1	98.8	97.6	100.1	98.9	95.0	98.8	109.0
September.....	103.9	93.7	97.6	97.6	100.1	100.1	92.5	100.1	106.4
October.......	105.1	96.3	98.8	97.6	100.1	100.1	91.2	100.1	109.0
November......	105.1	95.6	100.1	97.6	103.9	98.9	88.7	103.9	110.2
December......	105.1	95.0	98.8	97.6	100.1	98.9	92.5	101.4	114.0
Average.......	102.1	98.7	97.2	97.9	100.0	99.2	94.2	97.5	108.2

[1] Skinless, 1-lb packages.

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

Table 15.--Imports of flounder fillets, 1962-66

Year	Thousand pounds
1962......................	18,439
1963......................	16,598
1964......................	21,574
1965......................	24,122
1966......................	34,727

The total apparent consumption of flounders in 1966 was 261.9 million pounds--the highest on record.

Wholesale prices for processed fillets gained substantially in 1966.

Haddock. Haddock landings of 132.3 million pounds were slightly less than in the previous year, but the value of $13.9 million was more than $300,000 greater, and established a record. Scrod haddock dominated the landings in 1966--a trend that is expected to continue in the next year. Boston continued to decline in importance as a haddock port--partly because of a work stoppage in May that caused many Boston-based trawlers to land at other Massachusetts ports.

Supplies of haddock available to U.S. consumers in 1966 were slightly greater than in the previous year because of increased imports of fillets. Apparent consumption also increased.

Wholesale and retail prices for processed fillets increased substantially in 1966. (tables 17, 18, and 19).

Table 16.--Sources and disposition of fresh and frozen haddock

Year	Sources				Disposition		
	Beginning stocks	Landings[1]	Imports of fillets[2]	Total	Ending stocks	Apparent consumption	
						Total	Per capita
	Million pounds						Pounds
1955......	15.0	47.4	20.3	82.7	6.6	76.1	.461
1956......	6.6	53.4	25.5	85.5	11.4	74.1	.441
1957......	11.4	46.9	23.0	81.3	5.6	75.7	.442
1958......	5.6	41.9	20.7	68.2	5.0	63.2	.363
1959......	5.0	39.5	22.3	66.9	10.2	56.7	.320
1960......	10.2	41.7	18.2	70.1	8.1	62.0	.345
1961......	8.1	46.9	21.1	76.1	10.3	65.8	.354
1962......	10.3	47.1	20.6	78.0	5.4	72.6	.385
1963......	5.4	43.5	19.8	68.7	4.8	63.9	.334
1964......	4.8	46.9	19.1	71.5	7.4	64.0	.330
1965......	7.4	46.8	17.0	71.3	6.7	64.6	.332
1966......	6.7	45.9	21.5	74.1	7.9	66.2	.338

[1] Converted to fillet weight.

[2] Excludes haddock imported in frozen blocks and used primarily in the manufacture of sticks and portions.

Table 17.--Wholesale prices of frozen haddock fillets, by month, 1957-66

Month	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
	Cents per pound									
January........	30.0	37.5	41.0	31.0	35.0	33.0	36.5	39.0	39.5	39.5
February.......	31.0	40.0	42.0	31.0	36.0	33.0	37.0	39.5	39.0	40.0
March..........	28.0	40.0	39.5	28.5	33.5	34.5	37.0	37.0	38.5	39.0
April..........	29.5	35.0	35.5	27.0	32.0	33.0	34.0	36.5	37.0	38.5
May............	29.5	34.0	33.0	25.5	32.0	33.0	35.0	35.5	37.5	38.5
June...........	29.0	32.5	33.5	25.0	32.5	33.0	35.0	34.5	37.0	39.0
July...........	26.5	33.5	33.5	27.0	33.0	33.5	35.0	37.0	37.0	39.5
August.........	29.0	35.0	32.5	27.0	32.5	34.5	36.0	37.0	38.0	39.5
September......	29.5	39.5	32.5	28.0	33.0	34.5	36.0	37.0	38.0	40.5
October........	28.5	40.5	32.5	29.0	33.0	36.0	39.0	37.5	40.0	39.5
November.......	33.0	40.5	31.8	34.0	35.0	36.5	38.0	38.5	40.0	40.0
December.......	37.5	41.0	31.0	34.0	33.0	36.5	39.5	39.5	39.5	39.5
Annual average	30.1	37.4	34.9	28.9	33.4	34.3	36.5	37.4	38.4	39.4

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

Table 18.--Wholesale prices of fresh haddock fillets, by month, 1957-66

Month	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
	Cents per pound									
January........	46.5	48.0	63.0	43.5	39.0	36.0	56.5	58.5	55.5	43.5
February.......	26.0	48.5	60.5	41.0	33.5	45.0	40.5	58.0	43.5	45.0
March..........	34.5	35.0	47.5	34.5	41.5	50.0	39.0	32.0	40.0	39.0
April..........	35.5	31.5	28.5	27.5	26.5	37.5	31.5	31.0	35.0	40.0
May............	32.0	36.0	34.5	27.0	29.0	33.0	39.5	29.5	33.0	37.5
June...........	30.0	36.5	38.0	37.0	29.0	31.5	41.5	32.0	35.5	41.0
July...........	29.5	39.5	41.0	45.5	29.0	39.0	38.5	34.5	40.0	45.0
August.........	30.5	38.5	37.0	26.5	30.5	37.0	37.5	35.5	41.0	46.0
September......	34.0	46.5	34.5	32.0	31.0	35.5	43.0	44.0	48.0	45.0
October........	39.0	50.0	42.5	30.5	32.0	38.0	47.0	40.0	49.0	54.0
November.......	46.5	48.0	45.0	41.0	34.0	41.0	54.0	44.0	47.5	47.0
December.......	57.5	62.0	49.0	51.5	31.5	57.5	57.0	45.0	43.5	40.0
Annual average	36.8	43.3	43.4	36.5	32.2	40.1	43.8	40.3	42.6	43.6

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

Table 19.--Average retail price of frozen haddock fillets, by month, 1957-66

Month	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
	Cents per pound									
January........	46.0	50.8	59.7	56.6	55.8	54.7	56.7	59.4	60.7	63.9
February.......	46.1	53.0	60.2	56.6	56.1	55.5	56.8	60.4	60.7	64.9
March..........	45.1	55.9	59.7	56.4	55.6	55.5	56.4	60.4	61.3	65.2
April..........	45.1	56.5	60.6	56.0	55.0	55.8	57.3	60.5	61.7	65.5
May............	45.7	55.9	59.2	55.8	54.6	55.6	57.9	60.5	62.1	66.3
June...........	45.3	55.0	58.8	55.6	54.2	55.3	56.9	60.3	61.6	66.0
July...........	45.6	54.7	58.2	55.4	54.3	55.4	57.7	60.3	62.3	66.4
August.........	46.6	55.0	57.9	55.3	54.3	55.1	57.4	60.6	62.3	66.2
September......	46.6	56.2	57.1	55.1	54.4	55.2	57.8	60.5	62.6	67.5
October........	47.2	56.7	56.6	55.2	54.4	55.6	57.9	60.5	62.9	67.5
November.......	48.4	57.8	56.4	55.3	54.5	55.4	58.2	60.4	63.7	67.7
December.......	49.4	58.4	56.6	55.0	54.8	56.2	59.4	60.5	63.4	68.1
Annual average	46.4	55.5	58.4	55.7	54.8	55.4	57.5	60.4	62.1	66.3

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

Ocean perch. Atlantic ocean perch landings of 81.6 million pounds were the lowest since 1939, but the value of $3.4 million remained about the same as in the previous year. Ocean perch were generally available on the fishing grounds but were small. As in 1965, the ocean perch fleet operating out of Gloucester found it more profitable to fish for haddock.

Landings of Pacific ocean perch were 21.9 million pounds worth $1.1 million--a decline of 6.5 million pounds and more than $200,000 compared with the record volume and value of the previous year.

Table 20.--Sources and disposition of ocean perch (excluding blocks)

Year	Sources						Disposition	
	Beginning stocks	Landings[1]			Imports	Total	Ending stocks	Apparent consumption total
		Atlantic	Pacific	Total				
	Million pounds							
1955..........	17.7	47.1	2.0	49.1	17.9	84.7	16.4	68.3
1956..........	16.4	45.3	3.1	48.4	21.6	86.4	23.5	63.0
1957..........	23.5	40.2	2.7	42.9	16.7	83.1	15.1	67.9
1958..........	15.1	44.6	1.9	46.5	21.8	83.4	15.8	67.6
1959..........	15.8	41.0	2.3	43.3	17.9	77.0	14.9	62.1
1960..........	14.9	42.4	2.7	45.1	14.4	74.4	13.7	60.7
1961..........	13.7	39.6	3.7	43.3	18.7	75.7	13.0	62.7
1962..........	13.0	37.2	5.2	42.4	19.5	74.8	13.5	61.4
1963..........	13.5	32.5	7.1	39.6	21.6	74.6	16.3	58.3
1964..........	16.3	26.8	6.3	33.1	22.9	72.4	15.4	57.0
1965..........	15.4	25.3	8.5	33.8	25.7	74.9	12.2	68.7
1966..........	12.2	24.4	6.7	31.1	41.6	84.9	17.9	67.0

[1] Fillet weight.

Sea herring. Landings of sea herring were 96.4 million pounds worth $2.0 million--a decline of 13.9 million pounds but an increase of almost $150,000 compared with the previous year. Imports of fresh Canadian sea herring, which are used principally for canning and reduction in Maine, were 154.6 million pounds--36.6 million more than in 1965. The Maine pack of sardines canned from sea herring, 1,332,500 cases worth $12.3 million, was 5 and 13 percent more, respectively, than in the previous year. New legislation allowed year-round canning of both Maine-caught and imported sea herring for the first time.

The average wholesale price of canned Maine sardines in 3-3/4-oz. cans, 100 cans per case, increased steadily each year from 1962 ($8.7 per case) to 1966 ($10.50 per case).

Table 21.--Wholesale prices of canned Maine sardines, keyless oil, 1/4 drawn (3-3/4 oz.) 100 cans per case, New York City, by month, 1950-66

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	Unit per case												
1950	$7,250	$7,500	$7,750	$7,350	$7,000	$6,200	$6,000	$6,125	$5,750	$5,750	$5,250	$5,500	[1] 6,454
1951	6,200	6,469	6,438	6,525	6,750	6,781	6,925	7,463	8,675	9,832	10,700	10,385	[1] 7,762
1952	9,650	9,950	9,950	9,650	9,650	6,700	6,450	5,950	6,450	7,200	7,200	7,200	[1] 8,000
1953	[illegible]	7,750	7,750	[illegible]	[illegible]	6,700	6,700	7,200	7,700	8,200	8,200	8,200	[1] 7,533
1954	8,200	8,200	8,700	8,200	7,700	6,950	6,500	6,700	6,700	6,950	6,700	6,700	7,350
1955	6,700	7,200	7,200	7,200	6,700	6,700	6,700	7,450	7,700	8,200	8,200	8,700	7,388
1956	8,450	8,450	8,450	8,450	8,450	8,200	8,200	7,500	7,700	7,700	7,700	7,700	8,079
1957	7,950	7,950	7,950	7,700	7,700	7,700	7,450	7,045	6,585	6,455	6,450	6,350	7,274
1958	6,380	6,985	6,985	7,500	7,500	7,750	7,720	7,720	8,220	8,220	8,220	8,470	7,639
1959	8,470	8,220	8,220	8,220	8,345	8,220	8,250	8,750	8,750	8,750	8,750	8,750	8,475
1960	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,750	8,500	8,500	8,708
1961	8,500	8,500	8,750	8,750	8,750	8,750	9,030	10,310	10,310	10,310	12,310	12,310	9,715
1962	[illegible]	12,810	12,810	12,310	12,810	11,310	11,310	9,310	9,110	9,110	9,310	9,310	11,027
1963	9,310	9,310	9,055	9,060	9,060	8,810	8,110	8,110	7,960	8,835	8,835	8,960	8,785
1964	8,960	9,085	9,210	9,085	8,860	8,810	8,810	9,310	10,000	10,000	10,000	10,000	9,344
1965	10,000	10,000	10,000	10,250	10,250	10,250	10,250	10,250	10,000	9,500	10,250	10,250	10,083
1966	10,250	10,250	10,250	10,250	10,250	10,250	10,250	10,250	10,250	11,250	11,250	11,250	10,500

[1] Prices not published.

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

Table 22.--Wholesale price index of canned Maine sardines, keyless oil, 1/4 drawn (3-3/4 oz.) 100 cans per case, by month, 1950-66

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
						1957-59 - 100							
1950	93.1	96.2	99.4	94.6	89.8	79.6	77.0	78.6	73.8	73.8	67.4	70.5	82.8
1951	79.6	82.9	82.6	83.7	86.5	87.0	88.8	95.7	111.3	126.2	137.3	133.2	99.6
1952	123.8	127.7	127.7	123.8	123.8	85.9	82.7	76.3	82.7	92.3	92.3	92.3	102.6
1953	95.6	98.7	98.7	95.6	92.3	85.9	85.9	92.3	98.7	105.2	105.2	105.2	96.6
1954	105.2	105.2	111.6	105.2	98.7	89.2	83.4	85.9	85.9	89.2	85.9	85.9	94.3
1955	85.9	92.3	92.3	92.3	85.9	85.9	85.9	95.6	98.7	105.2	105.2	111.6	94.7
1956	108.4	108.4	108.4	108.4	108.4	105.2	105.2	96.2	98.7	98.7	98.7	98.7	103.6
1957	102.0	102.0	102.0	98.7	98.7	98.7	95.6	90.4	84.5	82.8	82.7	81.5	93.3
1958	81.8	89.6	89.6	96.2	96.2	99.4	99.1	99.1	105.5	105.5	105.5	108.6	98.0
1959	108.6	105.5	105.5	105.5	107.0	105.5	105.8	112.2	112.2	112.2	112.2	112.2	108.7
1960	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	109.1	109.1	111.7
1961	109.1	109.1	112.2	112.2	112.2	112.2	115.8	132.2	132.2	132.2	157.9	157.9	124.6
1962	157.9	164.3	164.3	164.3	164.3	145.1	145.1	119.4	116.9	116.9	119.4	119.4	141.4
1963	119.4	119.4	116.2	116.2	116.2	113.0	104.0	104.0	102.1	113.3	113.3	114.9	112.7
1964	114.9	116.5	118.2	116.5	113.7	113.0	113.0	119.4	128.3	128.3	128.3	128.3	119.9
1965	128.3	128.3	128.3	131.5	131.5	131.5	131.5	131.5	128.3	121.9	131.5	131.5	125.6
1966	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	144.3	144.3	144.3	134.7

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

Table 23.--Average retail prices of canned sardines per 4-oz. can, in leading cities of the United States, by month, 1964-66

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
								Cents per can					
1964	13.3	13.3	13.0	13.1	13.0	13.0	13.0	12.9	12.9	13.2	13.4	13.5	13.1
1965	13.5	13.7	13.7	13.8	13.8	13.9	13.8	13.9	13.9	13.9	13.9	14.0	13.8
1966	13.9	14.0	14.0	14.1	14.2	14.2	14.2	14.3	14.3	14.3	14.6	14.7	14.2

Note:--Originated in 1964.
Source:--U.S. Department of Labor, Bureau of Labor Statistics.

Landings of Pacific sea herring were 24.1 million pounds worth $591,000--10.4 million pounds and $26,000 less than in 1965. In Alaska, where the catch is used for reduction to fish meal or for bait, landings were 19.3 million--the smallest since 1917.

Mackerel. The fishery for mackerels which extends along the Atlantic, Gulf, and Pacific coasts catches Spanish, Pacific, king, and Atlantic mackerel. In 1966, landings of Spanish mackerel were 9.5 million pounds worth $1.1 million--a gain of 1.5 million pounds and $181,000 compared with the previous year. The increased landings resulted principally from a greater abundance of these fish in Florida waters. Landings of Pacific mackerel (4.6 million pounds) declined sharply from the 7.1 million pounds taken in 1965. Cause of the decline may have been a diversion of fishing effort from the mackerel to the anchovy fishery. King mackerel landings of 4.5 million pounds were about the same as in the previous year. Landings of Atlantic mackerel were 6.0 million pounds--an increase of 1.7 million compared with 1965.

Oysters. The production of 51.2 million pounds of oyster meats worth $27.4 million was 3.5 million pounds and $495,000 less than in the previous year. Most of the decline occurred in the Gulf where Hurricane Betsy devastated the Louisiana oyster beds in 1965. Production of oyster meats in the New England, Middle Atlantic, and Chesapeake States was slightly greater than in the previous year. The Minchinia nelsoni (MSX) organism which in the past has decimated much of the oyster stock in the Chesapeake Bay, was still causing mortalities, but some oyster-producing areas in the Middle Atlantic and Chesapeake States showed signs of recovery.

Alewives. Landings of alewives were 87.4 million pounds worth $1.3 million--8.7 million pounds and nearly $200,000 more than in 1965, and the largest catch since 1908. A gain of 15.0 million pounds occurred in the Great Lakes where the rapidly increasing population of these fish has prompted research by the Bureau to learn their probable influence on other valuable fish stocks.

The increased landings in the Great Lakes, together with a 4.2-million-pound gain in the Middle Atlantic area, was partially offset by declines in the New England, Chesapeake, South Atlantic, and Gulf States. Most of the landings are now used for bait, reduction into meal and oil, or for animal food. The pack of alewives, however, was 96,800 cases in 1966--the largest in more than a decade.

Halibut. Landings of Pacific halibut by the U.S. fleet were 40.3 million pounds (round weight) worth $9.7 million. The volume was slightly less than in the previous year, but the value

Table 24.--Sources and disposition of halibut[1]
(Dressed weight)

Year	Sources				Disposition		
	Beginning stocks	Landings	Imports	Total	Ending stocks	Apparent consumption	
						Total	Per capita
	Million pounds						Pounds
1955.......	21.5	36.7	21.5	79.7	15.7	64.0	.385
1956.......	15.7	41.4	19.8	77.0	19.1	57.9	.344
1957.......	19.1	37.0	22.3	78.5	14.6	63.9	.373
1958.......	14.6	35.9	27.0	77.5	17.6	59.9	.344
1959.......	17.6	40.4	27.7	85.7	18.9	66.9	.380
1960.......	18.9	38.3	28.6	85.8	14.4	71.3	.396
1961.......	14.4	40.0	28.2	82.7	13.8	68.9	.376
1962.......	13.8	40.4	34.9	89.0	22.6	66.5	.357
1963.......	22.6	34.3	29.4	86.3	25.4	60.9	.323
1964.......	25.4	26.3	30.3	82.0	15.8	66.3	.346
1965.......	15.8	30.4	30.0	76.2	17.4	58.8	.304
1966.......	17.4	30.4	27.4	75.2	20.7	57.5	.278

[1] Includes greenland halibut.

Table 25.--Wholesale prices of dressed halibut, New York City, 1958-66

Month	1958	1959	1960	1961	1962	1963	1964	1965	1966
	Cents per pound								
January..............	31.2	33.5	30.3	30.0	37.3	43.3	32.5	40.0	47.7
February.............	31.5	33.2	29.2	32.0	39.7	42.5	30.5	39.7	47.0
March................	32.0	33.3	29.2	32.7	39.5	41.3	30.2	39.7	47.5
April................	33.8	33.0	30.0	33.3	45.0	40.0	28.0	40.5	47.5
May..................	34.5	34.6	30.2	34.8	41.3	35.8	34.3	40.5	47.5
June.................	40.0	34.0	33.5	37.0	44.0	36.0	36.2	43.8	48.3
July.................	40.0	33.5	34.3	35.0	45.0	36.0	40.0	50.0	48.8
August...............	37.0	34.8	35.5	38.0	47.0	38.5	41.5	50.5	48.0
September............	36.6	32.7	30.8	39.0	42.8	43.5	55.0	51.0	48.0
October..............	34.3	31.8	30.5	34.7	43.8	43.9	55.5	48.0	47.0
November.............	34.0	31.0	29.8	35.0	43.8	32.8	38.0	47.5	48.0
December.............	33.7	31.2	30.0	35.5	43.0	32.5	40.0	47.7	48.0
Average..............	34.9	33.1	31.1	34.8	42.7	38.8	38.5	44.9	47.8

Source:--U.S. Department of Labor, Bureau of Labor Statistics.

was exceeded only by the record of 1962. For the fourth consecutive year the Canadian catch dominated the fishery, accounting for 51 percent of the 1966 production. Alaska halibut landings of 33.4 million pounds worth $7.8 million accounted for 83 percent of the volume and 80 percent of the value of the Pacific halibut production. Halibut landings and exvessel prices have increased markedly in recent years at Alaska ports as fishermen have found it more profitable to unload their catches at the nearest Alaska port than to make the 3-to 4-day trip to Seattle, Wash.

Halibut prices (exvessel and wholesale) increased sharply in 1966. For example, wholesale prices for dressed halibut in New York's Fulton Fish Market averaged 47.8 cents per pound compared with 44.9 cents in 1965.

Whales. Five whaling vessels operated in the whale fishery--one less than in the previous year. The two active shore stations were both located in California. There were 226 whales taken--a decline of 17 compared with the previous year. The catch included 52 gray whales and 22 sperm whales taken under a special scientific permit.

Lobsters. Landings of northern lobsters were 29.5 million pounds--700,000 pounds less than in 1965 and 1.6 million pounds (5 percent) less than the peak 31.2-million-pound production of 1960. However, the value was a record $22.3 million--an increase of more than $300,000 compared with 1965, the former record year. The United States domestic catch of northern lobsters plus imports from Canada declined from 48.8 million in 1965 to 46.6 million in 1966. This decline, together with a good market, contributed to the increase in domestic lobster prices.

Sea scallops. The production of 16.0 million pounds of sea scallop meats worth $7.6 million was 4.1 million pounds and $5.6 million less than in 1965--the record year for value. Sea scallop landings have trended downward since the 27.5-million-pound peak production of 1961. Despite record imports of 16.7 million pounds, mainly from Canada, the total quantity of sea scallops available in the United States declined 3.9 million pounds compared with the previous year.

Fishery imports. Fishery products imported for consumption were valued at a record $720.4 million--an increase of $119.5 million compared with the previous year.

Imports of edible fishery products were 1.6 billion pounds worth $568.2 million--a gain of 14 percent in volume and 19 percent in value compared with 1965. Increased receipts of fresh and frozen sea herring, tuna (including loins and discs), groundfish fillets and steaks, shrimp, flounder fillets, canned sardines, canned tuna in brine, and unclassified canned fish (mostly mackerel) accounted largely for the gain. Shrimp, the major item imported with respect to value, accounted for 25 percent of the value of imported edible items. About 178.6 million pounds (including fresh and frozen, canned, and cured) valued at $143.1 million entered U.S. ports in 1966.

Imports of nonedible fishery products were valued at $152.2 million--an increase of $30.7 million compared with the previous year. The greatest gain occurred in imports of fish meal and scrap, which increased from 271,000 tons in 1965 to 461,000 tons in 1966.

U.S. supply. The total quantity of fishery products available in the United States (domestic landings plus imports) on a live-weight basis increased from 10.5 billion pounds in 1965 to a record 12.5 billion in 1966, principally because of increased imports of fish meal. U.S. landings were 4.4 billion pounds--compared with 4.8 billion in the previous year. Imports of 5.7 billion pounds in 1965 increased to a record 8.1 billion in 1966, and accounted for 65 percent of the total quantity available. A year earlier, imports were 55 percent of the total. The quantity of edible fishery products available was 5.4 billion pounds, an alltime high. Imports accounted for 53 percent of the edible quantity available.

World landings. The United States, long one of the world's leading producers of fishery products, was second only to Japan from the years prior to World War II until 1957. In that year, Mainland China moved into second place and the United States into third place. During 1957-60, Peru was developing its spectacular industrial anchoveta fishery and the Union of Soviet Socialist Republics was building its large ocean-going fishing fleet. By 1960, both Peru and the Union of Soviet Socialist Republics advanced as ranking fishery nations of the world and the United States dropped to fifth position. In 1966, Norway moved into fifth place and, for the first time, the United States was not listed among the five leading fishing countries of the world.

Other information. Detailed summaries of the landings and operating unit data for the United States have been previously published in Current Fishery Statistics No. 4729.

Summaries of operating unit and landings statistics for each region of the United States have been published in the Current Fishery Statistics series of bulletins. "Fisheries of the United States", a preliminary review available each April, contains current information on many aspects of the fisheries such as domestic and world landings, per capita consumption, price indexes, foreign trade, supplies, etc.; and comparative data for previous years. This publication may be obtained from the Bureau of Commercial Fisheries, Branch of Reports, 1801 N. Moore Street, Arlington, Virginia 22209.

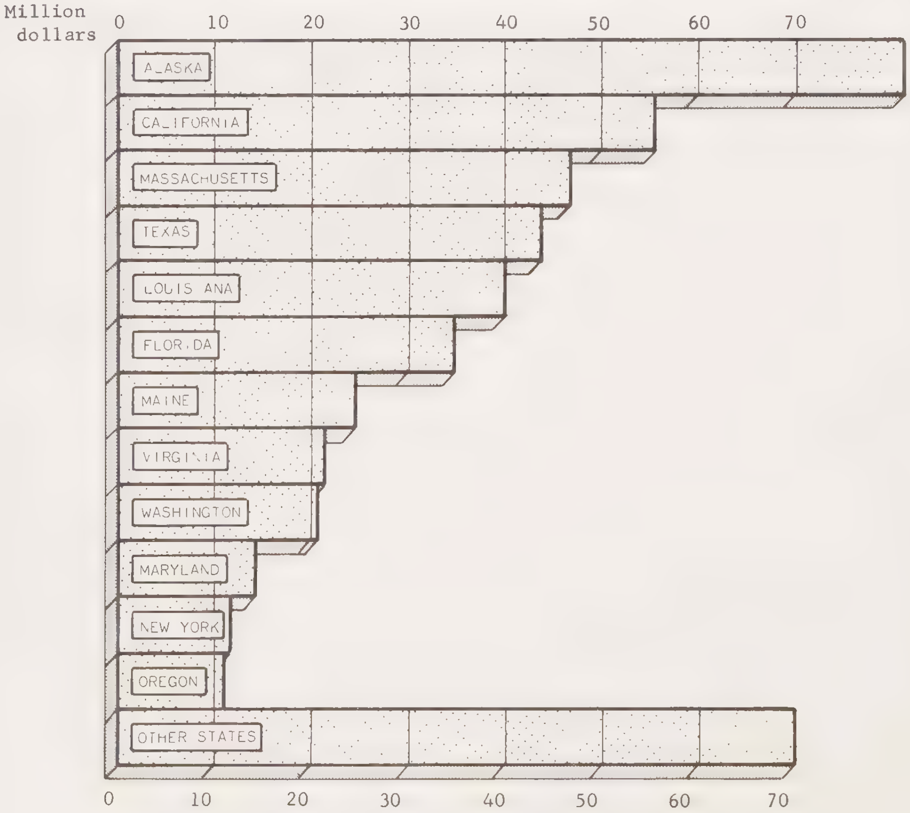
LANDINGS OF FISH AND SHELLFISH, 1945-66

(ROUND WEIGHT BASIS)

YEAR	LANDINGS FOR HUMAN FOOD	LANDINGS FOR INDUSTRIAL PRODUCTS 1/	TOTAL		AVERAGE PRICE PER POUND
	MILLION POUNDS	MILLION POUNDS	MILLION POUNDS	MILLION DOLLARS	CENTS
1945	3,167	1,431	4,598	270	5.87
1946	3,049	1,418	4,467	313	7.01
1947	3,020	1,329	4,349	312	7.16
1948	3,146	1,367	4,513	371	8.22
1949	3,305	1,499	4,804	343	7.13
1950	3,307	1,594	4,901	347	7.09
1951	3,048	1,385	4,433	365	8.23
1952	2,778	1,654	4,432	364	8.20
1953	2,519	1,968	4,487	356	7.94
1954	2,705	2,057	4,762	359	7.55
1955	2,579	2,230	4,809	339	7.05
1956	2,690	2,578	5,268	372	7.06
1957	2,475	2,314	4,789	354	7.39
1958	2,651	2,096	4,747	373	7.86
1959	2,369	2,753	5,122	346	6.76
1960	2,498	2,444	4,942	354	7.15
1961	2,490	2,697	5,187	362	6.98
1962	2,540	2,814	5,354	396	7.40
1963	2,556	2,291	4,847	377	7.78
1964	2,497	2,044	4,541	389	8.57
1965	2,587	2,190	4,777	446	9.34
1966	2,572	1,794	4,366	472	10.81

1/ MANUFACTURED INTO MEAL, OIL, FISH SOLUBLES, HOMOGENIZED CONDENSED FISH, SHELL PRODUCTS, AND USED AS BAIT AND ANIMAL FOOD. NOTE:--DOES NOT INCLUDE DATA ON THE HAWAII LANDINGS PRIOR TO 1948.

RELATIVE VALUE OF THE LANDINGS BY STATES, 1966



GENERAL REVIEW

SUMMARY OF LANDINGS, 1966

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

REGION	FISH		SHELLFISH, ETC.		WHALE PRODUCTS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND	623	43	61	35	-	-	684	78
MIDDLE ATLANTIC	104	6	64	16	-	-	168	22
CHESAPEAKE	371	10	131	25	-	-	502	35
SOUTH ATLANTIC	297	11	71	16	-	-	368	27
GULF	963	29	233	94	-	-	1,196	123
PACIFIC	984	139	263	29	7	(1)	1,254	168
GREAT LAKES	69	6	-	-	-	-	69	6
MISSISSIPPI RIVER AND TRIBUTARIES	63	6	49	4	-	-	112	10
HAWAII	13	3	(1)	(1)	-	-	13	3
TOTAL	3,487	253	872	219	7	(1)	4,366	472

1/ LESS THAN 500,000 POUNDS OR $500,000.

SUMMARY OF OPERATING UNITS, 1966

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	3,874	2,532	4,402	3,299	12,082
ON BOATS AND SHORE	14,644	6,154	14,408	7,295	13,227
TOTAL	18,518	8,686	18,810	10,594	25,309
VESSELS:					
MOTOR	704	565	1,417	1,141	3,782
GROSS TONNAGE	48,416	29,521	29,762	44,869	177,124
SAIL	-	-	43	-	-
GROSS TONNAGE	-	-	551	-	-
TOTAL VESSELS	704	565	1,460	1,141	3,782
TOTAL GROSS TONNAGE	48,416	29,521	30,313	44,869	177,124
BOATS:					
MOTOR	9,555	4,176	10,070	5,998	10,366
OTHER	344	327	789	204	282
GEAR:					
HAUL SEINES	23	52	266	168	130
STOP NETS AND SEINES	98	2	-	-	-
PURSE SEINES AND LAMPARA NETS:					
HERRING	28	4	-	-	-
MACKEREL AND SARDINE	5	-	-	-	-
MENHADEN	-	24	41	55	88
TUNA	6	4	-	-	2
OTHER	5	5	-	2	7
BAG NETS	19	-	-	98	-
BUTTERFLY NETS	-	-	-	-	691
OTTER TRAWLS:					
CRAB	-	-	-	560	-
FISH	624	303	85	134	108
LOBSTER	53	37	-	-	-
SCALLOPS	-	-	-	20	-
SHRIMP	75	-	-	2,601	9,969
WEIRS	81	6	-	-	-
POUND NETS	36	108	4,049	793	-
FLOATING TRAPS	47	-	-	-	-
FYKE AND HOOP NETS	-	183	738	680	11,517
POTS AND TRAPS:					
CONCH	1,376	-	-	-	-
CRAB	1,077	4,859	213,622	69,325	158,253
CRAWFISH	-	-	-	-	11,480
EEL	830	1,580	10,366	697	-
FISH	-	20,700	6,119	16,039	1,346
LOBSTER	932,208	14,905	-	76,420	74,550
SHRIMP	-	-	-	-	8
TURTLE	-	145	502	-	-
BOX TRAPS	9	-	-	-	-
GILL NETS:					
ANCHOR, SET OR STAKE	26	140	3,166	2,240	261
DRIFT	120	95	1,326	375	16
RUNAROUND	-	33	-	338	1,080

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1966 - Continued

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
TRAMMEL NETS	-	-	-	18	662
HOOKS AND BAITS	509,014	39,879	1,053,006	1,614,496	1,220,165
DIP NETS	299	-	177	1,303	11,220
CAST NETS	-	-	-	18	24
HARPOONS	59	3	-	-	-
SPEARS	46	6	-	24	311
SCRAPES	-	-	373	-	-
DREDGES:					
CLAM	86	130	276	11	-
CONCH	-	10	34	-	-
CRAB	-	33	298	-	-
MUSSEL	9	1	-	-	-
OYSTER	25	78	531	247	1,209
SCALLOP	2,059	1,128	50	170	24
TONGS AND OYSTER GRABS	897	3,304	9,005	492	2,258
RAKES	1,476	2,178	358	354	-
HOES	2,957	37	-	-	-
FORKS	21	-	-	-	-
BRUSH TRAPS	-	-	-	-	16,500
GRABS, FROG	-	-	-	-	89
HOOKS, SPONGE	-	-	-	29	68
DIVING OUTFITS	61	-	-	-	11

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	16,112	731	6	271	41,123
ON BOATS AND SHORE	21,624	1,387	15,361	473	94,513
TOTAL	37,736	2,118	15,367	744	135,636
VESSELS:					
MOTOR	5,076	1/ 333	1/ 2	65	12,634
GROSS TONNAGE	157,261	6,199	22	1,852	455,907
SAIL	-	-	-	-	43
GROSS TONNAGE	-	-	-	-	551
TOTAL VESSELS	5,076	1/ 333	1/ 2	65	12,677
TOTAL GROSS TONNAGE	157,261	6,199	22	1,852	456,458
BOATS:					
MOTOR	14,434	924	11,106	312	66,941
OTHER	232	98	228	11	2,504
GEAR:					
HAUL SEINES	94	75	249	(2)	1,057
STOP NETS AND SEINES	-	-	-	-	100
PURSE SEINES AND LAMPARA NETS:					
ANCHOVY	61	-	-	-	61
HERRING	22	-	-	-	54
MACKEREL AND SARDINE	68	-	-	-	73
MENHADEN	-	-	-	-	153
SALMON	1,462	-	-	-	1,462
SQUID	5	-	-	-	5
TUNA	137	-	-	-	145
OTHER	10	-	-	-	29
BAG NETS	-	-	-	(2)	117
BUTTERFLY NETS	-	-	-	-	691
BEAM TRAWLS	18	-	-	-	18
OTTER TRAWLS:					
CRAB	-	-	-	-	560
FISH	232	13	3	-	1,388
LOBSTER	-	-	-	-	87
SCALLOPS	-	-	-	-	20
SHRIMP	63	-	-	-	12,330
MID-WATER	11	-	-	-	11
MID-WATER TRAWLS	1	-	56	-	144
POUND NETS	2	382	14	-	5,384

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1966 - Continued

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
TRAP NETS	-	1,297	365	-	1,662
FLOATING TRAPS	4	-	-	-	51
FYKE AND HOOP NETS	-	256	59,434	-	72,808
POTS AND TRAPS:					
CONCH	-	-	-	-	1,376
CRAB	135,248	-	-	(2)	582,384
CRAWFISH	150	-	39,258	-	50,888
EEL	-	-	-	(2)	13,473
FISH	98	-	3,880	(2)	48,182
LOBSTER	17,232	-	-	(2)	1,114,365
OCTOPUS	733	-	-	(2)	733
SHRIMP	275	-	215	-	498
TURTLE	-	-	-	-	647
BOX TRAPS	-	-	-	-	9
WIRE BASKETS	-	-	3,434	-	3,434
GILL NETS:					
ANCHOR, SET OR STAKE	3,177	1,321	5,695	(2)	16,026
DRIFT	5,896	-	-	-	7,822
RUNAROUND	-	-	-	-	1,444
TRAMMEL NETS	14	-	3,639	-	4,333
HOOKS AND BAITS	1,028,237	79,500	4,077,120	(2)	9,609,082
ELECTRICAL DEVICES	-	-	1	-	1
DIP NETS	12	-	270	-	13,281
BRAIL OR SCOOP NETS	214	-	-	-	214
LIFT NETS	-	-	-	(2)	(2)
REEF NETS	52	-	-	-	52
WHEELS	11	-	-	-	11
CAST NETS	-	-	-	(2)	42
HARPOONS	55	-	-	-	117
SPEARS	-	-	-	(2)	387
SCRAPES	-	-	-	-	373
DREDGES:					
CLAM	2	-	-	-	505
CONCH	-	-	-	-	44
CRAB	-	-	-	-	331
MUSSEL	-	-	890	-	900
OYSTER	77	-	-	-	2,164
SCALLOP	-	-	-	-	3,381
TONGS AND OYSTER GRABS	33	-	50	-	16,039
RAKES	-	-	65	-	4,431
HOES	-	-	-	-	2,994
FORKS	-	-	-	-	21
SHOVELS	2,102	-	-	-	2,102
BRUSH TRAPS	-	-	-	-	16,500
CROWFOOT BARS	-	-	3,181	-	3,181
GRABS, FROG	-	-	166	-	255
HOOKS, SPONGE	-	-	-	-	97
DIVING OUTFITS	271	-	322	-	665

1/ DATA ON THE 2 VESSELS OPERATED IN LAKE WINNEBAGO ARE INCLUDED IN MISSISSIPPI RIVER AND TRIBUTARIES.

2/ DATA ON THE NUMBER OF GEAR OPERATED IN HAWAII ARE NOT AVAILABLE.

VESSELS OBTAINING DOCUMENTS AS FISHING CRAFT, 1957-66

YEAR	FIRST DOCUMENTATION	REDOCUMENTATION	TOTAL	GROSS TONNAGE
	NUMBER	NUMBER	NUMBER	NUMBER
1957	600	19	619	22,754
1958	685	28	713	25,815
1959	479	28	507	15,164
1960	425	24	449	14,401
1961	408	19	427	17,035
1962	305	62	367	16,267
1963	571	18	589	25,020
1964	488	15	503	23,412
1965	618	45	663	36,474
1966	785	31	816	46,194

U.S. LANDINGS BY WATERS, FISHERMEN, CRAFT, PLANTS AND EMPLOYMENT, BY STATES, 1966

STATE	MARINE WATERS AND COASTAL RIVERS		LAKES 1/		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL		FISHERMEN	FISHING CRAFT		WHOLESALE AND MANUFACTURING		
										VESSELS	BOATS	PLANTS	EMPLOYEES	
													AVERAGE FOR SEASON	AVERAGE FOR YEAR
	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	THOUSAND POUNDS	THOUSAND DOLLARS	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ALABAMA	20,562	6,807	-	-	15,265	899	35,827	7,706	2,594	389	1,188	80	1,452	918
ALASKA	581,670	80,718	-	-	-	-	581,670	80,718	19,412	2,240	8,900	172	9,198	4,000
ARIZONA	-	-	-	-	30	6	30	6	4	-	4	-	-	-
ARKANSAS	-	-	-	-	16,177	1,735	16,177	1,735	3,331	-	2,787	33	70	57
CALIFORNIA	460,945	55,582	-	-	-	-	460,945	55,582	9,470	1,787	2,018	196	11,128	9,062
COLORADO	-	-	-	-	76	2	76	2	8	-	4	-	-	-
CONNECTICUT	4,885	1,754	-	-	-	-	4,885	1,754	556	35	323	11	46	38
DELAWARE	5,526	341	-	-	-	-	5,526	341	449	15	263	24	443	385
FLORIDA	192,285	32,453	11,319	1,947	-	-	203,604	34,400	11,520	1,697	5,233	488	6,122	4,506
GEORGIA	16,024	3,883	-	-	-	-	16,024	3,883	1,545	314	639	51	2,606	2,115
HAWAII	13,014	3,128	-	-	-	-	13,014	3,128	744	65	323	26	449	371
IDAHO	-	-	-	-	3,025	191	3,025	191	241	-	243	-	-	-
ILLINOIS	-	-	302	58	9,784	889	10,086	947	683	2	597	96	1,206	1,103
INDIANA	-	-	87	10	8,348	1,264	8,435	1,274	2,823	1	385	18	127	120
IOWA	-	-	-	-	3,414	264	3,414	264	572	-	550	29	235	207
KANSAS	-	-	-	-	59	10	59	10	140	-	13	9	145	129
KENTUCKY	-	-	-	-	3,294	503	3,294	503	1,015	-	991	16	127	122
LOUISIANA	656,834	38,979	-	-	6,008	902	662,842	39,881	11,984	1,616	6,010	257	5,518	3,550
MAINE	200,392	24,329	-	-	-	-	200,392	24,329	8,044	135	5,619	250	5,618	3,497
MARYLAND	83,309	14,279	-	-	-	-	83,309	14,279	9,021	536	6,634	283	5,165	3,809
MASSACHUSETTS	409,744	46,175	-	-	-	-	409,744	46,175	8,113	483	2,770	243	6,123	5,244
MICHIGAN	-	-	21,284	2,568	-	-	21,284	2,568	986	176	456	62	487	389
MINNESOTA	-	-	3,409	269	9,683	726	13,092	995	859	3	538	29	220	155
MISSISSIPPI	269,853	9,066	-	-	3,128	436	272,981	9,502	3,626	568	1,614	74	1,694	1,131
MISSOURI	-	-	-	-	341	39	341	39	220	-	219	38	293	291
MONTANA	-	-	-	-	676	49	676	49	12	-	11	-	-	-
NEBRASKA	-	-	-	-	284	29	284	29	90	-	95	8	40	39
NEW HAMPSHIRE	1,266	666	-	-	-	-	1,266	666	376	-	178	14	94	72
NEW JERSEY	98,273	9,886	-	-	-	-	98,273	9,886	3,428	350	1,581	114	2,269	1,920
NEW MEXICO	-	-	-	-	94	9	94	9	2	-	1	-	-	-
NEW YORK	64,113	11,349	457	118	-	-	64,570	11,467	5,106	248	2,700	352	3,548	3,319
NORTH CAROLINA	250,932	9,571	-	-	-	-	250,932	9,571	4,396	431	2,634	165	2,620	1,397
NORTH DAKOTA	-	-	-	-	739	62	739	62	27	-	11	5	42	30
OHIO	-	-	10,516	943	177	14	10,693	957	437	50	293	45	567	497
OKLAHOMA	-	-	-	-	2,288	173	2,288	173	198	-	94	13	58	58
OREGON	74,804	11,167	-	-	-	-	74,804	11,167	3,539	921	1,108	52	2,869	1,884
PENNSYLVANIA	-	-	573	71	-	-	573	71	34	8	9	55	1,135	851
RHODE ISLAND	68,088	5,323	-	-	-	-	68,088	5,323	1,731	118	1,011	32	336	273
SOUTH CAROLINA	23,192	4,199	-	-	-	-	23,192	4,199	1,549	187	840	76	849	540
SOUTH DAKOTA	-	-	-	-	2,980	196	2,980	196	51	-	26	4	13	11
TENNESSEE	-	-	-	-	9,409	1,077	9,409	1,077	1,371	-	1,338	39	152	134
TEXAS	122,944	42,745	-	-	1,378	190	124,322	42,935	6,550	1,552	1,519	181	6,170	4,582
UTAH	-	-	-	-	827	62	827	62	12	-	3	-	-	-
VIRGINIA	418,380	20,959	-	-	-	-	418,380	20,959	9,850	945	4,228	304	5,233	3,109
WASHINGTON	136,218	20,659	-	-	-	-	136,218	20,659	8,750	1,267	2,787	168	3,602	2,383
WISCONSIN	-	-	32,822	1,838	14,388	787	47,210	2,625	1,447	133	840	75	679	545
TOTAL	4,173,253	454,018	80,769	7,822	111,872	10,514	4,365,894	472,354	2/135,636	2/12,677	2/69,445	4,187	88,748	62,843

1/ INCLUDES THE LANDINGS OF THE GREAT LAKES, THE INTERNATIONAL LAKES OF MINNESOTA, AND THE INLAND LAKES OF FLORIDA.

2/ EXCLUSIVE OF DUPLICATION.

SUMMARY OF U.S. FISHING VESSELS, BY TONNAGE GROUPS, 1966

GROSS TONNAGE	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES 2/	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9. .	29	48	938	205	237	1,014	54	2	2,516
10 - 19. .	125	128	311	262	852	2,149	163	18	3,985
20 - 29. .	83	81	65	146	440	722	75	19	1,608
30 - 39. .	78	65	29	162	436	395	23	11	1,129
40 - 49. .	50	49	14	145	405	291	17	9	915
50 - 59. .	41	42	12	65	288	135	1	5	544
60 - 69. .	44	31	8	56	551	55	-	1	703
70 - 79. .	48	29	15	25	249	40	1	-	365
80 - 89. .	24	13	3	8	85	28	-	-	147
90 - 99. .	21	6	2	9	101	30	-	-	160
100 - 109. .	14	7	1	3	24	21	-	-	64
110 - 119. .	29	16	9	3	11	16	-	-	69
120 - 129. .	13	6	2	5	9	15	-	-	43
130 - 139. .	16	4	1	1	4	13	-	-	35
140 - 149. .	10	4	4	3	4	7	-	-	26
150 - 159. .	17	3	3	-	1	3	-	-	23
160 - 169. .	11	1	1	-	6	10	-	-	28
170 - 179. .	9	-	1	-	6	3	-	-	18
180 - 189. .	3	1	2	1	6	9	-	-	20
190 - 199. .	8	15	10	11	14	20	-	-	57
200 - 209. .	1	-	-	1	-	-	-	-	2
210 - 219. .	3	1	-	-	3	3	-	-	10
220 - 299. .	3	1	1	-	3	1	-	-	9
230 - 239. .	3	4	1	1	3	2	-	-	12
240 - 249. .	3	1	3	4	2	1	-	-	10
250 - 259. .	3	1	6	9	4	2	-	-	16
260 - 269. .	2	1	11	5	3	2	-	-	16
270 - 279. .	1	-	-	-	-	5	-	-	6
280 - 289. .	-	2	1	3	-	1	-	-	4
290 - 299. .	2	1	1	1	1	4	-	-	8
300 - 309. .	2	2	-	-	1	3	-	-	8
310 - 319. .	2	-	-	-	3	5	-	-	10
320 - 329. .	2	-	1	1	1	2	-	-	6
330 - 339. .	-	-	-	-	-	3	-	-	3
340 - 349. .	-	-	-	-	-	3	-	-	3
350 - 359. .	-	-	-	-	-	6	-	-	6
360 - 369. .	-	-	-	-	2	6	-	-	8
370 - 379. .	-	-	1	1	-	1	-	-	2
380 - 389. .	-	-	-	-	-	2	-	-	2
390 - 399. .	-	-	-	-	-	2	-	-	2
400 - 409. .	-	-	-	-	-	1	-	-	1
410 - 419. .	-	-	-	-	1	2	-	-	3
420 - 429. .	-	-	-	-	-	3	-	-	3
430 - 439. .	-	-	-	-	-	6	-	-	6
440 - 449. .	2	-	-	-	-	3	-	-	5
450 - 459. .	1	-	-	1	1	-	-	-	2
460 - 469. .	-	-	-	-	1	2	-	-	3
470 - 479. .	-	-	-	-	5	13	-	-	18
480 - 489. .	-	-	-	-	2	3	-	-	5
490 - 499. .	-	-	-	-	-	2	-	-	2
500 - 509. .	-	-	-	-	1	-	-	-	1
510 - 519. .	-	-	-	-	2	-	-	-	2
520 - 529. .	-	-	-	-	4	1	-	-	5
530 - 539. .	1	1	1	1	2	-	-	-	3
540 - 549. .	-	-	1	1	-	-	-	-	1
550 - 559. .	-	-	-	-	1	-	-	-	1
580 - 589. .	-	-	-	1	1	1	-	-	2
590 - 599. .	-	1	1	1	-	-	-	-	1
600 - 609. .	-	-	-	-	4	-	-	-	4
610 - 619. .	-	-	-	-	1	-	-	-	1
630 - 639. .	-	-	-	-	-	1	-	-	1
640 - 649. .	-	-	-	-	1	-	-	-	1
680 - 689. .	-	-	-	-	-	1	-	-	1
720 - 729. .	-	-	-	-	-	2	-	-	2
730 - 739. .	-	-	-	-	-	1	-	-	1
790 - 799. .	-	-	-	-	-	1	-	-	1
810 - 819. .	-	-	-	-	-	1	-	-	
830 - 839. .	-	-	-	-	-	1	-	-	1
860 - 869. .	-	-	-	-	-	1	-	-	1
TOTAL VESSELS	704	565	1,460	1,141	3,782	5,076	334	65	12,677
TOTAL GROSS TONNAGE . .	48,416	29,521	30,313	44,869	177,124	157,261	6,209	1,852	456,458

1/ INCLUDES SAILING VESSELS. 2/ INCLUDES 2 VESSELS WHICH OPERATED IN LAKE WINNEBAGO, 1 OF WHICH WAS ALSO OPERATED IN THE GREAT LAKES. IN THIS AND OTHER PUBLICATIONS THESE UNITS ARE LISTED IN THE SECTION TITLED "MISSISSIPPI RIVER FISHERIES."

LENGTH DISTRIBUTION OF U.S. FISHING VESSELS, 1966

LENGTH IN FEET	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC
	NUMBER	NUMBER	NUMBER	NUMBER
20 - 29	8	8	7	53
30 - 39	111	122	918	382
40 - 49	110	111	323	309
50 - 59	126	100	98	227
60 - 69	87	90	27	103
70 - 79	100	52	14	11
80 - 89	72	23	10	4
90 - 99	31	11	7	4
100 - 109	33	18	13	5
110 - 119	11	1	4	4
120 - 129	4	10	30	26
130 - 139	10	8	4	4
140 - 149	-	9	2	4
150 - 159	-	-	-	1
160 - 169	1	2	3	3
200 - 209	-	-	-	1
TOTAL	704	565	1,460	1,141

LENGTH IN FEET	GULF	PACIFIC	GREAT LAKES 1/	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
20 - 29	47	675	26	-	822
30 - 39	698	2,389	220	10	4,822
40 - 49	936	1,302	73	19	3,104
50 - 59	1,062	277	14	14	1,801
60 - 69	884	164	1	11	1,298
70 - 79	59	103	-	11	310
80 - 89	4	40	-	-	132
90 - 99	6	23	-	-	69
100 - 109	14	15	-	-	76
110 - 119	4	45	-	-	66
120 - 129	19	19	-	-	72
130 - 139	11	15	-	-	45
140 - 149	11	1	-	-	22
150 - 159	8	2	-	-	10
160 - 169	15	1	-	-	19
170 - 179	-	4	-	-	4
180 - 189	-	1	-	-	1
190 - 199	3	-	-	-	3
200 - 209	1	-	-	-	1
TOTAL	3,782	5,076	334	65	12,677

1/ INCLUDES 2 VESSELS OPERATING IN THE MISSISSIPPI RIVER DRAINAGE AREA, 1 OF WHICH ALSO OPERATED IN THE GREAT LAKES.

AGE DISTRIBUTION OF U.S. VESSELS ENGAGED IN COMMERCIAL FISHING, 1866-1966

YEAR BUILT	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES 2/	HAWAII	TOTAL, EXCLU-SIVE OF DUPLI-CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1866	-	1	-	-	-	-	-	-	1
1870	-	1	-	-	-	-	-	-	1
1872	-	1	-	-	-	-	-	-	1
1873	-	1	-	-	-	-	-	-	1
1875	1	1	1	-	-	-	-	-	1
1876	-	1	-	-	-	-	-	-	1
1881	-	1	-	-	-	-	-	-	1
1883	-	1	1	-	-	-	-	-	2
1884	1	1	1	-	-	-	-	-	3
1886	-	1	1	-	-	-	-	-	2
1887	1	3	-	-	-	1	-	-	5
1888	-	1	-	-	1	1	-	-	3
1889	-	-	1	-	-	-	-	-	1
1890	-	-	1	-	-	-	-	-	1
1891	-	-	1	-	1	-	-	-	2
1892	-	-	1	-	-	-	-	-	1
1893	-	1	2	-	1	1	-	-	5
1894	-	-	-	-	-	1	-	-	1
1896	-	-	3	1	-	-	-	-	4
1897	-	-	1	1	-	-	-	-	1
1898	-	-	1	1	1	-	-	-	3
1899	-	-	1	1	-	-	-	-	2
1900	-	1	4	2	2	1	-	-	9
1901	-	4	6	1	3	1	-	-	15
1902	1	3	3	-	-	1	-	-	8
1903	2	4	3	1	4	2	-	-	16
1904	1	2	4	-	3	1	-	-	11
1905	-	4	5	-	8	2	-	-	19
1906	1	7	4	-	3	2	-	-	16
1907	2	3	2	-	1	11	-	-	19
1908	-	-	4	-	-	12	-	-	16
1909	-	4	5	-	3	11	-	-	23
1910	2	3	5	1	-	12	-	-	23
1911	1	5	6	3	3	21	1	-	39
1912	-	-	8	-	3	36	-	-	47
1913	-	5	9	2	1	38	1	-	56
1914	4	1	7	-	2	34	1	-	49
1915	1	1	5	1	5	50	-	-	63
1916	-	3	3	1	2	25	1	-	35
1917	8	7	7	2	5	87	-	-	105
1918	5	5	7	1	7	77	1	-	98
1919	-	5	4	-	1	53	-	-	63
1920	1	3	10	2	5	79	-	-	99
1921	3	2	2	3	2	22	2	-	36
1922	4	4	8	3	4	18	-	-	40
1923	2	2	14	6	9	20	1	-	53
1924	11	12	12	6	22	42	1	-	106
1925	14	4	12	7	16	64	1	-	116
1926	12	5	14	5	14	81	5	2	137
1927	6	7	13	12	12	108	2	1	155
1928	16	8	15	3	25	123	2	4	196
1929	15	8	9	5	25	97	5	2	166
1930	12	16	8	16	16	81	4	2	149
1931	12	5	11	8	17	42	2	1	97
1932	7	2	8	9	8	19	4	-	56
1933	5	3	6	6	11	16	5	-	51
1934	8	2	20	10	10	31	8	1	89
1935	3	3	19	11	20	66	10	1	133
1936	15	12	26	18	43	56	15	1	181
1937	14	10	21	14	57	60	13	1	184
1938	11	12	23	13	58	75	15	2	201
1939	17	5	20	16	34	104	5	1	200
1940	15	8	34	6	38	98	11	1	208
1941	30	13	16	18	38	107	8	-	216
1942	22	25	21	32	39	143	6	1	275
1943	23	30	32	32	56	145	5	2	297
1944	49	20	39	45	87	233	13	1	464
1945	49	32	45	35	85	248	26	1	506
1946	41	38	71	69	123	251	30	11	616
1947	36	18	45	56	128	232	27	14	547
1948	18	11	57	34	170	165	28	-	475
1949	19	10	44	54	93	170	7	2	391

SEE FOOTNOTES AT END TABLE.

(CONTINUED ON NEXT PAGE)

AGE DISTRIBUTION OF U.S. VESSELS ENGAGED IN COMMERCIAL FISHING, 1866-1966 - Continued

YEAR BUILT	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE 1/	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES 2/	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1950.	10	12	38	22	100	126	14	2	316
1951.	13	11	27	31	98	166	7	-	341
1952.	22	8	38	19	116	170	8	-	378
1953.	10	17	40	31	210	104	3	3	398
1954.	8	10	49	43	202	59	5	-	364
1955.	8	8	35	36	83	92	5	1	255
1956.	11	14	74	56	113	73	5	-	323
1957.	7	17	62	53	187	77	3	-	378
1958.	5	5	40	59	256	64	9	-	407
1959.	12	8	59	39	109	61	6	-	276
1960.	5	5	37	17	80	55	1	-	196
1961.	12	5	32	25	84	70	-	1	218
1962.	9	5	18	21	92	80	-	-	212
1963.	12	7	30	26	167	95	1	1	323
1964.	13	6	25	21	154	103	-	4	312
1965.	13	3	27	22	205	96	1	1	361
1966.	12	7	15	30	183	56	-	-	292
UNKNOWN	1	5	22	17	18	52	-	-	114
TOTAL.	704	565	1,460	1,141	3,782	5,076	334	65	12,677

1/ INCLUDES SAILING VESSELS.

2/ INCLUDES 2 VESSELS WHICH OPERATED IN THE MISSISSIPPI RIVER DRAINAGE AREA, 1 OF WHICH ALSO OPERATED IN THE GREAT LAKES.

ADDITIONS TO THE U.S. FISHING FLEET, BY TYPE OF CONSTRUCTION, 1966

REGION	WOOD	STEEL	PLASTIC 1/	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
NEW ENGLAND	26	9	-	35
MIDDLE ATLANTIC	9	14	-	23
CHESAPEAKE.	96	1	-	97
SOUTH ATLANTIC.	62	15	-	77
GULF.	274	97	2	373
PACIFIC	147	28	27	202
GREAT LAKES	2	4	-	6
HAWAII.	2	-	-	2
PUERTO RICO	-	1	-	1
TOTAL VESSELS.	618	169	29	816
GROSS TONNAGE.	23,161	22,617	416	46,194

1/ INCLUDES FIBERGLASS.

LANDINGS BY REGION, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	6,693	119	4,200	63	23,968	514	15,396	190	240	7
AMBERJACK	-	-	-	-	-	-	21	1	3	(1)
ANCHOVIES	4	1	-	-	-	-	-	-	-	-
ANGELFISH	-	-	32	1	-	-	5	(1)	7	(1)
ANGLERFISH	207	14	-	-	1	(1)	-	-	-	-
BALLYHOO	-	-	-	-	-	-	1	(1)	30	14
BARRACUDA	-	-	-	-	-	-	1	(1)	(1)	(1)
BILLFISH	7	1	-	-	-	-	-	-	-	-
BLUEFISH	255	30	1,942	278	259	28	2,333	241	595	72
BLUE RUNNER	-	-	-	-	-	-	81	3	2,439	71
BONITO	9	2	19	3	2	(1)	4	(1)	89	5
BOWFIN	-	-	-	-	-	-	(1)	(1)	13	1
BUFFALOFISH	-	-	-	-	-	-	-	-	704	90
BUTTERFISH	1,185	166	2,072	161	2,166	161	503	33	-	-
CABIO	-	-	-	-	2	(1)	15	(1)	36	2
CARP	(1)	(1)	121	5	619	16	137	3	36	1
CATFISH AND BULLHEADS	4	(1)	19	1	1,513	172	16,340	2,752	4,259	1,181
CIGARFISH	-	-	-	-	-	-	-	-	321	32
COD	37,290	3,153	278	42	8	1	-	-	-	-
CRAPPIE	-	-	-	-	5	(1)	-	-	-	-
CREVALLE	-	-	-	-	-	-	177	5	589	21
CROAKER	-	-	-	-	1,464	194	1,604	110	308	22
CUNNER	(1)	(1)	-	-	-	-	-	-	-	-
CUSK	2,218	133	-	-	-	-	-	-	-	-
DOLPHIN	-	-	-	-	-	-	16	2	61	5
DRUM:										
BLACK	-	-	3	(1)	481	22	180	13	1,343	116
RED	-	-	-	-	3	(1)	191	33	2,017	404
EELS:										
COMMON	114	27	346	63	691	113	126	8	-	-
CONGER	39	1	7	(1)	-	-	-	-	-	-
FLOUNDERS	104,950	12,695	13,720	2,018	3,281	612	4,283	794	1,452	273
GARFISH	-	-	-	-	(1)	(1)	-	-	1,067	77
GIZZARD SHAD	-	-	-	-	46	(1)	-	-	-	-
GOATFISHES	-	-	-	-	-	-	47	5	6	1
GROUPERS	-	-	-	-	-	-	215	30	7,892	991
GRUNTS	-	-	2	(1)	-	-	20	2	120	10
HADDOCK	132,264	13,940	24	3	-	-	-	-	-	-
HAKE:										
RED	1,084	29	1,269	45	28	1	-	-	-	-
WHITE	3,532	202	48	3	-	-	-	-	-	-
HALIBUT	307	119	-	-	-	-	-	-	-	-
HARVESTFISH	-	-	-	-	126	16	72	7	-	-
HERRING:										
SEA	65,503	1,324	6,712	109	84	1	-	-	-	-
THREAD	-	-	-	-	-	-	2,582	35	-	-
HICKORY SHAD	-	-	-	-	49	2	199	6	-	-
HOGCHOKER	-	-	-	-	3	(1)	-	-	-	-
HOGFISH	-	-	-	-	-	-	1	(1)	22	3
JEWFISH	-	-	-	-	-	-	39	3	144	13
KING WHITING OR "KINGFISH"	2	(1)	23	2	50	4	2,759	260	2,163	128
LAUNCE	119	13	-	-	-	-	-	-	-	-
MACKEREL:										
ATLANTIC	4,207	267	975	69	816	91	12	1	-	-
KING	-	-	-	-	7	1	1,861	342	2,633	320
SPANISH	-	-	(1)	(1)	142	23	2,281	242	7,066	819
TOTAL MACKEREL	4,207	267	975	69	965	115	4,154	585	9,699	1,139
MENHADEN	14	(1)	22,016	399	277,895	4,451	215,114	2,993	792,671	13,924
MOJARRA	-	-	-	-	-	-	99	8	114	10
MULLET	-	-	21	4	5	(1)	7,969	488	30,014	2,068
OCEAN PERCH, ATLANTIC	81,552	3,425	-	-	-	-	-	-	-	-
OCEAN POUT	7	(1)	-	-	-	-	-	-	-	-
PADDLEFISH	-	-	-	-	-	-	-	-	13	2
PERMIT	-	-	-	-	-	-	2	(1)	12	1
PIGFISH	-	-	-	-	8	(1)	112	7	20	1
PIKE OR PICKEREL	-	-	-	-	5	1	-	-	-	-
PILOTFISH	-	-	(1)	(1)	-	-	-	-	-	-
POLLOCK	8,749	507	2	(1)	-	-	-	-	-	-
POMPANO	-	-	-	-	-	-	490	326	651	455
SALMON, ATLANTIC	(1)	(1)	-	-	-	-	-	-	-	-
SAND PERCH	-	-	-	-	-	-	2	(1)	-	-
SAWFISH	-	-	-	-	-	-	-	-	5	(1)
SCUP OR PORGY	9,488	1,145	8,415	1,225	8,464	834	1,958	119	30	3
SEA BASS, BLACK (ATLANTIC)	111	33	1,182	248	2,098	243	1,468	185	-	-
SEA CATFISH	-	-	-	-	-	-	11	1	408	27
SEA ROBIN	239	4	231	4	468	4	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SEA TROUT OR WEAKFISH:										
GRAY	1	(1)	460	37	1,190	106	2,110	130	-	-
SPOTTED	-	-	-	-	12	3	868	242	5,521	1,388
WHITE	-	-	-	-	-	-	-	-	543	44
SHAD	279	54	379	42	3,564	351	1,736	371	-	-
SHARKS:										
GRAYFISH	488	4	183	8	508	18	-	-	-	-
UNCLASSIFIED	20	2	33	1	121	3	93	4	2	(1)
TOTAL SHARKS	508	6	216	9	629	21	93	4	2	(1)
SHEEPSHEAD:										
FRESH-WATER	-	-	-	-	-	-	-	-	152	17
SALT-WATER	-	-	-	-	-	-	137	12	706	58
SILVERSIDES	-	-	176	29	-	-	-	-	-	-
SKATES	76	3	20	1	-	-	-	-	-	-
SMELT	359	87	-	-	-	-	-	-	-	-
SNAPPER:										
LANE	-	-	-	-	-	-	1	(1)	11	2
MANGROVE	-	-	-	-	-	-	114	25	312	63
MUTTON	-	-	-	-	-	-	83	25	82	20
RED	-	-	-	-	-	-	701	296	12,527	3,954
VERMILION	-	-	-	-	-	-	1	(1)	28	7
YELLOWTAIL	-	-	-	-	-	-	78	25	753	206
SPANISH SARDINES	-	-	-	-	-	-	-	-	137	4
SPOT	-	-	-	-	1,157	107	4,427	360	388	31
STRIPED BASS	843	137	1,429	282	6,150	1,130	654	100	-	-
STURGEON, COMMON	10	1	32	6	40	5	103	17	8	2
SUCKERS	-	-	1	(1)	1	(1)	3	(1)	-	-
SUNFISH	-	-	-	-	5	(1)	-	-	-	-
SWELLFISH	-	-	265	12	8,102	137	291	7	-	-
SWORDFISH	855	346	336	155	89	41	77	38	-	-
TAUTOG	97	5	94	5	1	(1)	-	-	-	-
TENPOUNDER	-	-	-	-	-	-	-	-	986	39
TILEFISH	837	92	127	18	(1)	(1)	(1)	(1)	9	1
TRIGGERFISH	-	-	-	-	-	-	2	(1)	14	1
TRIPLETAIL	-	-	-	-	-	-	2	(1)	5	(1)
TUNA:										
BLUEFIN	1,945	217	523	45	-	-	14	2	-	-
LITTLE	-	-	31	4	(1)	(1)	-	-	16	1
SKIPJACK	64	7	23	2	-	-	-	-	-	-
UNCLASSIFIED	-	-	-	-	8	1	-	-	-	-
TOTAL TUNA	2,009	224	577	51	8	1	14	2	16	1
WARSAW	-	-	-	-	-	-	18	2	185	16
WHITE PERCH	28	3	256	40	2,389	246	402	24	-	-
WHITING	83,841	3,609	6,528	344	39	2	-	-	-	-
WOLFFISH	498	25	-	-	-	-	-	-	-	-
YELLOW PERCH	-	-	-	-	217	28	24	2	-	-
UNCLASSIFIED:										
FOR FOOD	7,647	649	413	39	45	5	326	24	1,600	111
BAIT, REDUCTION, AND ANIMAL FOOD	63,441	697	28,867	265	16,000	114	6,262	42	78,833	1,431
TOTAL FISH	623,481	43,308	103,855	6,124	370,406	9,802	297,194	10,996	962,585	28,570
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD	-	-	1,255	141	94,104	5,852	40,517	2,006	30,951	1,964
SOFT AND PEELER	-	-	4	1	2,912	1,103	126	56	130	85
GREEN	43	4	-	-	-	-	-	-	-	-
ROCK	1,965	99	71	3	-	-	-	-	-	-
STONE	-	-	-	-	-	-	187	86	883	368
TOTAL CRABS	2,008	103	1,330	145	97,016	6,955	40,830	2,148	31,964	2,417
CRAWFISH, FRESH-WATER	-	-	-	-	-	-	-	-	1,324	218
HORSESHOE CRABS	-	-	133	1	-	-	-	-	-	-
LOBSTERS:										
NORTHERN	28,007	21,118	1,494	1,127	40	21	-	-	-	-
SPINY	-	-	-	-	-	-	1,686	810	3,664	1,659
SHRIMP	3,894	550	-	-	-	-	21,475	10,814	179,230	82,973
CLAMS:										
HARD	3,172	1,999	9,520	7,152	2,032	1,106	258	102	4	1
OCEAN QUAHOG	91	11	-	-	-	-	-	-	-	-
RANGIA	-	-	-	-	-	-	52	17	-	-
RAZOR	6	3	2	1	-	-	-	-	-	-
SOFT	4,155	2,119	359	118	7,405	1,737	-	-	-	-
SURF	35	8	45,014	3,862	64	6	-	-	-	-
TOTAL CLAMS	7,459	4,140	54,895	11,133	9,501	2,849	310	119	4	1
CONCHS	252	61	397	106	553	83	5	1	51	7
MUSSELS, SEA	430	46	133	23	-	-	-	-	-	-
OCTOPUS	-	-	-	-	-	-	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
SHELLFISH, ETC.- CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OYSTERS, MARKET, EASTERN:										
PUBLIC.	25	41	42	46	15,156	9,983	522	275	12,967	4,665
PRIVATE	383	808	875	1,122	6,076	4,560	3,135	1,300	4,215	1,828
TOTAL OYSTERS. .	408	849	917	1,168	21,232	14,543	3,657	1,575	17,182	6,493
PERIWINKLES AND COCKLES.	52	13	-	-	-	-	-	-	-	-
SCALLOPS:										
BAY	860	1,076	492	408	-	-	399	184	9	4
CALICO.	-	-	-	-	-	-	1,857	369	-	-
SEA	11,147	5,520	2,528	1,186	2,300	919	-	-	-	-
TOTAL SCALLOPS .	12,027	6,596	3,020	1,594	2,300	919	2,256	553	9	4
SQUID	523	54	1,657	141	426	22	35	4	61	5
SEA URCHIN.	143	4	-	-	-	-	-	-	-	-
TERRAPIN.	-	-	6	2	13	5	-	-	(1)	(1)
TURTLES:										
GREEN	-	-	-	-	-	-	(1)	(1)	31	5
LOGGERHEAD.	-	-	(1)	(1)	-	-	4	(1)	(1)	(1)
SNAPPER	-	-	73	12	202	39	19	3	20	4
SOFT-SHELL.	-	-	-	-	-	-	299	19	-	-
UNCLASSIFIED. . . .	-	-	2	(1)	-	-	-	-	-	-
TOTAL TURTLES. .	-	-	75	12	202	39	322	22	51	9
FROGS	-	-	-	-	-	-	-	-	17	8
IRISH MOSS.	4,100	74	-	-	-	-	-	-	-	-
SPONGES	-	-	-	-	-	-	7	27	26	217
BLOODWORMS.	720	735	-	-	-	-	-	-	-	-
SANDWORMS	871	596	-	-	-	-	-	-	-	-
TOTAL SHELLFISH, ETC..	60,894	34,939	64,057	15,452	131,283	25,436	70,583	16,073	233,583	94,011
GRAND TOTAL. . .	684,375	78,247	167,912	21,576	501,689	35,238	367,777	27,069	1,196,168	122,581

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES.	-	-	29,008	435	-	-	-	-	87,445	1,328
AMBERJACK	-	-	-	-	-	-	99	28	129	29
ANCHOVIES	62,280	644	-	-	-	-	-	-	62,284	645
ANGELFISH	-	-	-	-	-	-	-	-	44	1
ANGLERFISH.	-	-	-	-	-	-	-	-	212	14
ARCTIC CHAR	25	5	-	-	-	-	-	-	25	5
BALLYHOO.	-	-	-	-	-	-	-	-	97	14
BARRACUDA	319	57	-	-	-	-	13	4	333	61
BILLFISH.	-	-	-	-	-	-	-	-	7	1
BLUE PIKE	-	-	(1)	(1)	-	-	-	-	(1)	(1)
BLUEFISH.	-	-	-	-	-	-	-	-	5,484	647
BLUE RUNNER	-	-	-	-	-	-	-	-	2,520	78
BONITO.	19,148	761	-	-	-	-	-	-	19,271	771
BOWFIN.	-	-	2	(1)	140	7	-	-	155	8
BUFFALOFISH	-	-	43	5	17,287	2,028	-	-	18,034	2,123
BURBOT.	-	-	93	4	78	8	-	-	171	12
BUTTERFISH.	-	-	-	-	-	-	-	-	5,928	541
CABEZONE.	13	1	-	-	-	-	-	-	13	1
CABIO	-	-	-	-	-	-	-	-	55	2
CABRILLA.	12	2	-	-	-	-	-	-	12	2
CARP.	677	12	7,263	207	23,495	779	-	-	32,348	1,028
CATFISH AND BULLHEADS	-	-	1,009	255	11,512	2,580	-	-	34,656	6,941
CHUBS	-	-	9,992	1,877	157	3	-	-	10,149	1,880
CIGARFISH	-	-	-	-	-	-	-	-	321	32
COD	9,983	518	-	-	-	-	-	-	47,559	3,714
CRAPPIE	-	-	2	(1)	52	16	-	-	59	16
CREVALLE.	-	-	-	-	-	-	66	30	832	56
CROAKER	-	-	-	-	-	-	-	-	3,376	326
CUNNER.	-	-	-	-	-	-	-	-	(1)	(1)
CUSK.	-	-	-	-	-	-	-	-	2,218	133
DOLPHIN	-	-	-	-	-	-	86	41	163	48
DRUM:										
BLACK	-	-	-	-	-	-	-	-	2,007	151
RED	-	-	-	-	-	-	-	-	2,211	437
EELS:										
COMMON.	-	-	35	9	1	(1)	-	-	1,313	220
CONGER.	-	-	-	-	-	-	2	(1)	48	1
FLOUNDERS	46,830	3,778	-	-	-	-	-	-	174,520	20,170
FLYING FISH	56	7	-	-	-	-	-	-	56	7
GARFISH	-	-	(1)	(1)	721	47	-	-	1,788	124
GIZZARD SHAD.	-	-	23	(1)	441	28	-	-	510	28
GOATFISHES.	-	-	-	-	-	-	99	50	152	56

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
GOLDFISH	-	-	135	4	9	(1)	-	-	144	4
GROUPERS	251	57	-	-	-	-	-	-	8,358	1,078
GRUNTS	-	-	-	-	-	-	-	-	142	12
HADDOCK	-	-	-	-	-	-	-	-	132,288	13,943
HAKE:										
PACIFIC	11,833	114	-	-	-	-	-	-	11,833	114
RED	-	-	-	-	-	-	-	-	2,381	75
WHITE	-	-	-	-	-	-	-	-	3,580	205
HALFMOON	10	2	-	-	-	-	-	-	10	2
HALIBUT	40,326	9,708	-	-	-	-	-	-	40,633	9,827
HARDHEAD	257	51	-	-	-	-	-	-	257	51
HARVESTFISH	-	-	-	-	-	-	-	-	198	23
HERRING:										
LAKE	-	-	4,576	481	-	-	-	-	4,576	481
SEA	24,107	591	-	-	-	-	-	-	96,406	2,025
THREAD	-	-	-	-	-	-	-	-	2,582	35
HICKORY SHAD	-	-	-	-	-	-	-	-	248	8
HOGCHOKER	-	-	-	-	-	-	-	-	3	(1)
HOGFISH	-	-	-	-	-	-	-	-	23	3
JACK MACKEREL	40,899	1,425	-	-	-	-	220	87	41,119	1,512
JEWFISH	-	-	-	-	-	-	-	-	183	16
KING CROAKER	791	44	-	-	-	-	-	-	791	44
KING WHITING OR "KINGFISH"	-	-	-	-	-	-	-	-	4,997	394
LAKE TROUT	6	1	120	80	-	-	-	-	126	81
LAUNCE	-	-	-	-	-	-	-	-	119	13
LINGCOD	7,959	450	-	-	-	-	-	-	7,959	450
MACKEREL:										
ATLANTIC	-	-	-	-	-	-	-	-	6,010	468
KING	-	-	-	-	-	-	-	-	4,521	663
PACIFIC	4,630	189	-	-	-	-	-	-	4,630	189
SPANISH	-	-	-	-	-	-	-	-	9,469	1,084
TOTAL MACKEREL	4,630	189	-	-	-	-	-	-	24,630	2,404
MARLIN	-	-	-	-	-	-	494	157	494	157
MENHADEN	-	-	-	-	-	-	-	-	1,307,710	21,767
MINNOWS	-	-	-	-	(1)	(1)	-	-	(1)	(1)
MOJARRA	-	-	-	-	-	-	-	-	213	18
MOONEYE	-	-	(1)	1	32	5	-	-	32	6
MULLET	-	-	-	-	-	-	17	17	38,026	2,577
OCEAN PERCH:										
ATLANTIC	-	-	-	-	-	-	-	-	81,552	3,425
PACIFIC	21,864	1,105	-	-	-	-	-	-	21,864	1,105
OCEAN POUT	-	-	-	-	-	-	-	-	7	(1)
OPALEYE	19	4	-	-	-	-	-	-	19	4
PADDLEFISH	-	-	-	-	355	47	-	-	368	49
PERCH	343	51	-	-	-	-	-	-	343	51
PERMIT	-	-	-	-	-	-	-	-	14	1
PIGFISH	-	-	-	-	-	-	-	-	140	8
PIKE OR PICKEREL	12	2	106	10	15	2	-	-	141	15
PILOTFISH	-	-	-	-	-	-	-	-	(1)	(1)
POLLOCK	267	4	-	-	-	-	-	-	9,018	511
POMPANO	60	20	-	-	-	-	-	-	1,201	801
QUILLBACK	-	-	23	1	571	29	-	-	594	30
RATFISH	1,340	12	-	-	-	-	-	-	1,340	12
ROCK BASS	-	-	11	1	-	-	-	-	11	1
ROCKFISHES	25,529	1,412	-	-	-	-	-	-	25,529	1,412
RUDDERFISH	-	-	-	-	-	-	9	3	9	3
SABLEFISH	6,931	669	-	-	-	-	-	-	6,931	669
SALMON:										
ATLANTIC	-	-	-	-	-	-	-	-	(1)	(1)
CHINOOK OR KING	27,223	10,989	-	-	-	-	-	-	27,223	10,989
CHUM OR KETA	56,506	6,674	-	-	-	-	-	-	56,506	6,674
PINK	163,016	22,124	-	-	-	-	-	-	163,016	22,124
RED OR SOCKEYE	102,012	22,930	-	-	2/ 237	2/ 130	-	-	102,249	23,060
SILVER OR COHO	38,755	10,748	-	-	-	-	-	-	38,755	10,748
TOTAL SALMON	387,512	73,465	-	-	237	130	-	-	387,749	73,595
SAND PERCH	-	-	-	-	-	-	-	-	2	(1)
SARDINE, PACIFIC	878	152	-	-	-	-	1	(1)	879	152
SAUGER	-	-	31	6	-	-	-	-	31	6
SAWFISH	-	-	-	-	-	-	-	-	5	(1)
SCULPIN	109	32	-	-	-	-	-	-	109	32
SCUP OR PORGY	-	-	-	-	-	-	-	-	28,355	3,326
SEA BASS:										
BLACK (ATLANTIC)	-	-	-	-	-	-	-	-	4,859	709
BLACK (PACIFIC)	341	60	-	-	-	-	33	14	374	74
WHITE	1,338	375	-	-	-	-	-	-	1,338	375
SEA CATFISH	-	-	-	-	-	-	-	-	419	28
SEA ROBIN	-	-	-	-	-	-	-	-	937	12

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SEA TROUT OR WEAKFISH:										
GRAY	-	-	-	-	-	-	-	-	3,761	273
SPOTTED	-	-	-	-	-	-	-	-	6,401	1,633
WHITE	-	-	-	-	-	-	-	-	543	44
SHAD	1,347	102	-	-	-	-	-	-	7,305	920
SHARKS:										
GRAYFISH	1,672	13	-	-	-	-	-	-	2,851	43
SOUPFIN	16	(1)	-	-	-	-	-	-	16	(1)
UNCLASSIFIED	654	67	-	-	-	-	-	-	923	77
TOTAL SHARKS	2,342	80	-	-	-	-	-	-	3,790	120
SHEEFISH	17	4	-	-	-	-	-		17	4
SHEEPSHEAD:										
FRESH-WATER	-	-	2,173	48	5,030	320	-	-	7,355	385
SALT-WATER	16	1	-	-	-	-	-	-	859	71
SILVERSIDES	-	-	-	-	-	-	-	-	176	29
SKATES	817	12	-	-	-	-	-	-	913	16
SMELT	1,611	163	2,414	112	-	-	-	-	4,384	362
SNAPPER:										
LANE	-	-	-	-	-	-	-	-	12	2
MANGROVE	-	-	-	-	-	-	-	-	426	88
MUTTON	-	-	-	-	-	-	-	-	165	45
RED	-	-	-	-	-	-	89	84	13,317	4,334
VERMILION	-	-	-	-	-	-	-	-	29	7
YELLOWTAIL	-	-	-	-	-	-	-	-	831	231
UNCLASSIFIED	-	-	-	-	-	-	169	79	169	79
SPANISH SARDINES	-	-	-	-	-	-	-	-	137	4
SPOT	-	-	-	-	-	-	1	(1)	5,973	498
STEELHEAD TROUT	580	159	-	-	-	-	-	-	580	159
STRIPED BASS	48	5	-	-	-	-	-	-	9,124	1,654
STURGEON:										
COMMON	424	41	3	3	-	-	-	-	620	75
SHOVELNOSE, ETC.	-	-	-	-	42	7	-	-	42	7
SUCKERS	-	-	1,170	38	1,359	33	-	-	2,534	71
SUNFISH	-	-	12	1	-	-	-	-	17	1
SWELLFISH	-	-	-	-	-	-	-	-	8,658	156
SWORDFISH	469	220	-	-	-	-	16	4	1,842	804
TAUTOG	-	-	-	-	-	-	-	-	192	10
TENPOUNDER	-	-	-	-	-	-	6	2	992	41
TILEFISH	-	-	-	-	-	-	-	-	973	111
TOMCOD	307	5	-	-	-	-	-	-	307	5
TRIGGERFISH	-	-	-	-	-	-	2	1	18	2
TRIPLETAIL	-	-	-	-	-	-	-	-	7	(1)
TULLIBEE	-	-	940	28	-	-	-	-	940	28
TUNA:										
ALBACORE	36,972	6,830	-	-	-	-	19	6	36,991	6,836
BLUEFIN	35,179	5,166	-	-	-	-	3/ 762	3/ 483	38,423	5,913
LITTLE	-	-	-	-	-	-	28	4	75	9
SKIPJACK	51,089	6,761	-	-	-	-	9,385	1,404	60,561	8,174
YELLOWFIN	132,611	23,692	-	-	-	-	503	215	133,114	23,907
UNCLASSIFIED	-	-	-	-	-	-	-	-	8	1
TOTAL TUNA	255,851	42,449	-	-	-	-	10,697	2,112	269,172	44,840
TURBOT	83	4	-	-	-	-	-	-	83	4
WAHOO	-	-	-	-	-	-	22	5	22	5
WARSAW	-	-	-	-	-	-	-	-	203	18
WHITEBAIT	162	17	-	-	-	-	-	-	162	17
WHITE BASS	-	-	1,224	190	62	1	-	-	1,286	191
WHITEFISH:										
COMMON	14	3	1,971	982	2	1	-	-	1,987	986
MENOMINEE	-	-	53	13	-	-	-	-	53	13
WHITE PERCH	-	-	100	35	-	-	-	-	3,175	348
WHITING	-	-	-	-	-	-	-	-	90,408	3,955
WOLFFISH	-	-	-	-	-	-	-	-	498	25
YELLOW BASS	-	-	-	-	16	1	-	-	16	1
YELLOW PERCH	-	-	6,164	733	336	49	-	-	6,741	812
YELLOW PIKE	-	-	752	316	776	225	-	-	1,528	541
YELLOWTAIL	245	27	-	-	-	-	-	-	245	27
UNCLASSIFIED:										
FOR FOOD	52	3	-	-	-	-	817	365	10,900	1,196
BAIT, REDUCTION, AND ANIMAL FOOD	2,380	44	-	-	535	13	-	-	196,318	2,606
TOTAL FISH	983,720	139,119	69,450	5,875	63,261	6,359	12,958	3,083	3,486,910	253,236
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD	-	-	-	-	-	-	-	-	166,827	9,963
SOFT AND PEELER	-	-	-	-	-	-	-	-	3,172	1,245
DUNGENESS	39,718	5,549	-	-	-	-	-	-	39,718	5,549
GREEN	-	-	-	-	-	-	-	-	43	4
KING	159,202	15,671	-	-	-	-	-	-	159,202	15,671
ROCK	331	33	-	-	-	-	-	-	2,367	135

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY REGION, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
SHELLFISH, ETC. - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS - CONTINUED:										
STONE	-	-	-	-	-	-	-	-	1,070	454
TANNER.	(1)	(1)	-	-	-	-	-	-	(1)	(1)
UNCLASSIFIED. . . .	-	-	-	-	-	-	26	16	26	16
TOTAL CRABS. . .	199,251	21,253	-	-	-	-	26	16	372,425	33,037
ARTEMIA (BRINE SHRIMP) EGGS	-	-	-	-	170	42	-	-	170	42
CRAWFISH, FRESH-WATER	2	1	-	-	1,947	320	-	-	3,273	539
HORSESHOE CRABS . . .	-	-	-	-	-	-	-	-	133	1
LIMPET.	-	-	-	-	-	-	5	16	5	16
LOBSTERS:										
NORTHERN.	-	-	-	-	-	-	-	-	29,541	22,266
SLIPPER	-	-	-	-	-	-	(1)	(1)	(1)	(1)
SPINY	489	409	-	-	-	-	5	4	5,844	2,882
SHRIMP.	34,438	1,956	-	-	8	2	1	1	239,046	96,296
ABALONE	998	920	-	-	-	-	-	-	998	920
CLAMS:										
HARD.	338	164	-	-	-	-	(1)	(1)	15,324	10,524
OCEAN QUAHOG. . . .	-	-	-	-	-	-	-	-	91	11
RANGIA.	-	-	-	-	-	-	-	-	52	17
RAZOR	234	137	-	-	-	-	-	-	242	141
SOFT.	-	-	-	-	-	-	-	-	11,919	3,974
SURF.	-	-	-	-	-	-	-	-	45,113	3,876
MIXED	10	8	-	-	-	-	-	-	10	8
TOTAL CLAMS. . .	582	309	-	-	-	-	(1)	(1)	72,751	18,551
CONCHS.	-	-	-	-	-	-	-	-	1,258	258
MUSSELS, SEA.	-	-	-	-	-	-	-	-	563	69
MUSSEL SHELLS	-	-	-	-	46,361	3,727	-	-	46,361	3,727
PEARLS AND SLUGS. . .	-	-	-	-	-	10	-	-	-	10
OCTOPUS	165	35	-	-	-	-	7	4	172	39
OYSTERS, MARKET:										
EASTERN:										
PUBLIC.	-	-	-	-	-	-	-	-	28,712	15,010
PRIVATE	13	41	-	-	-	-	-	-	14,697	9,659
PACIFIC	7,779	2,600	-	-	-	-	-	-	7,779	2,600
WESTERN	35	104	-	-	-	-	-	-	35	104
TOTAL OYSTERS. .	7,827	2,745	-	-	-	-	-	-	51,223	27,373
PERIWINKLES AND COCKLES.	-	-	-	-	-	-	-	-	52	13
SCALLOPS:										
BAY	-	-	-	-	-	-	-	-	1,780	1,672
CALICO.	-	-	-	-	-	-	-	-	1,857	369
SEA	-	-	-	-	-	-	-	-	15,975	7,625
TOTAL SCALLOPS .	-	-	-	-	-	-	-	-	19,612	9,666
SQUID	19,026	451	-	-	-	-	7	3	21,735	680
SEA URCHIN.	-	-	-	-	-	-	-	-	143	4
TERRAPIN.	-	-	-	-	-	-	-	-	19	7
TURTLES:										
BABY.	-	-	-	-	7	33	-	-	7	33
GREEN	-	-	-	-	-	-	-	-	31	5
LOGGERHEAD.	-	-	-	-	-	-	-	-	4	(1)
SLIDER.	-	-	-	-	22	1	-	-	22	1
SNAPPER	-	-	-	-	70	10	-	-	384	68
SOFT-SHELL.	-	-	-	-	5	(1)	-	-	304	19
UNCLASSIFIED. . . .	-	-	-	-	-	-	5	1	7	1
TOTAL TURTLES. .	-	-	-	-	104	44	5	1	759	127
FROGS	-	-	-	-	21	10	-	-	38	18
KELP (WITH HERRING EGGS).	662	496	-	-	-	-	-	-	662	496
IRISH MOSS.	-	-	-	-	-	-	-	-	4,100	74
SPONGES	-	-	-	-	-	-	-	-	33	244
BLOODWORMS.	-	-	-	-	-	-	-	-	720	735
SANDWORMS	-	-	-	-	-	-	-	-	871	596
TOTAL SHELLFISH, ETC..	263,440	28,575	-	-	48,611	4,155	56	45	872,507	218,686
WHALE PRODUCTS:										
MEAL.	2,188	131	-	-	-	-	-	-	2,188	131
MEAT.	2,227	178	-	-	-	-	-	-	2,227	178
OIL:										
SPERM	551	33	-	-	-	-	-	-	551	33
WHALE	1,511	90	-	-	-	-	-	-	1,511	90
TOTAL WHALE PRODUCTS. . . .	6,477	432	-	-	-	-	-	-	6,477	432
GRAND TOTAL. . .	1,253,637	168,126	69,450	5,875	111,872	10,514	13,014	3,128	4,365,894	472,354

1/ LESS THAN 500 POUNDS OR $500.
2/ TAKEN FROM IDAHO WATERS
3/ INCLUDES DATA ON THE CATCH OF BIGEYE TUNA.

LANDINGS OF CATCH BY GEAR, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	NEW ENGLAND		MIDDLE ATLANTIC	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	776	27	1,804	292
STOP NETS AND SEINES	24,576	526	19	1
PURSE SEINES	31,447	706	29,498	524
BAG NETS	217	25	-	-
OTTER TRAWLS 2/	523,984	41,170	64,489	4,913
WEIRS	16,408	346	150	6
POUND NETS	3,747	185	5,986	368
FLOATING TRAPS	9,560	946	-	-
FYKE AND HOOP NETS	-	-	162	18
POTS AND TRAPS	27,287	19,160	2,780	870
GILL NETS	4,655	372	2,158	281
HOOKS AND BAITS	13,329	1,573	1,112	246
DIP NETS	1,977	86	-	-
HARPOONS	262	85	17	7
SPEARS	18	4	5	1
DREDGES	13,736	7,769	52,067	8,494
TONGS AND RAKES 8/	6,311	1,761	6,643	5,092
HOES AND FORKS	5,994	3,467	37	16
DIVING OUTFITS	22	19	-	-
BY HAND	69	20	[illegible]	41[illegible]
TOTAL	684,375	78,247	[illegible]	21,576

GEAR	CHESAPEAKE		SOUTH ATLANTIC	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	12,819	601	11,333	782
PURSE SEINES	252,226	4,013	216,718	3,007
BAG NETS	-	-	635	246
OTTER TRAWLS 2/	30,517	1,831	52,914	12,814
POUND NETS	60,703	2,008	14,150	373
FYKE AND HOOP NETS	3,708	167	525	83
POTS AND TRAPS	4/ 61,782	4/ 4,159	33,219	3,262
GILL NETS	9,187	1,173	14,297	1,795
TRAMMEL NETS	-	-	275	114
HOOKS AND BAITS	20,135	1,522	16,392	2,598
DIP NETS	218	37	2,866	60
CAST NETS	-	-	72	28
SPEARS	-	-	2	(3)
SCRAPES	1,620	589	-	-
DREDGES	33,337	9,206	671	321
TONGS AND RAKES 8/	15,331	9,876	1,561	737
HOOKS	-	-	7	27
BY HAND	106	56	2,140	822
TOTAL	501,689	35,238	367,777	27,06[illegible]

GEAR	GULF		PACIFIC	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	13,369	1,054	1/ 2,503	1/ 315
PURSE SEINES	792,280	13,923	1/ 572,916	1/ 66,818
BUTTERFLY NETS	1,856	490	-	-
BEAM TRAWLS	-	-	3,807	193
OTTER TRAWLS 2/	261,925	84,475	159,534	8,899
WEIRS	-	-	52	10
POUND NETS	-	-	102	36
FLOATING TRAPS	-	-	3,040	560
FYKE AND HOOP NETS	1,575	339	-	-
POTS AND TRAPS	31,678	3,970	200,032	21,727
GILL NETS	34,966	3,365	155,121	30,281
TRAMMEL NETS	8,487	1,294	(5)	(5)
HOOKS AND BAITS	31,732	6,774	137,946	33,948
DIP NETS	816	103	6/ 1,101	6/ 82
REEF NETS	-	-	489	158
PUSH NETS	-	-	42	8
CAST NETS	5	(3)	-	-
HARPOONS	-	-	6,882	621
SPEARS	150	38	-	-
DREDGES	10,553	4,232	7/ 7,588	7/ 2,646
TONGS AND RAKES 8/	6,587	2,245	264	98
SHOVELS	-	-	551	303
BRUSH TRAPS	45	27	-	-
CROWFOOT BARS	12	6	-	-
HOOKS	61	46	-	-
DIVING OUTFITS	16	178	993	915
BY HAND	55	22	7/ 674	7/ 578
TOTAL	1,146,168	122,581	1,253,637	168,126

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS OF CATCH BY GEAR, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	8,090	377	20,452	937
OTTER TRAWLS 2/	19,158	304	1,189	71
WEIRS	-	-	983	36
POUND NETS	12,922	435	9	1
TRAP NETS	6,797	925	1,388	68
FYKE AND HOOP NETS	588	49	14,188	1,602
POTS AND TRAPS	-	-	3,398	552
GILL NETS	21,687	3,732	9,856	1,166
TRAMMEL NETS	-	-	7,356	750
HOOKS AND BAITS	208	53	5,587	1,463
ELECTRICAL DEVICES	-	-	1	(3)
DIP NETS	(3)	(3)	925	85
DREDGES	-	-	11,367	509
TONGS AND RAKES 8/	-	-	1,000	68
CROWFOOT BARS	-	-	21,134	1,638
GRABS	-	-	11	5
DIVING OUTFITS	-	-	5,809	718
BY HAND	-	-	7,219	845
TOTAL	69,450	5,875	111,872	10,514

GEAR	HAWAII		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	29	8	71,175	4,393
STOP NETS AND SEINES	-	-	24,595	527
PURSE SEINES	-	-	1,895,085	88,991
BAG NETS	484	208	1,336	479
BUTTERFLY NETS	-	-	1,856	490
BEAM TRAWLS	-	-	3,807	193
OTTER TRAWLS 2/	-	-	1,113,710	154,477
WEIRS	-	-	17,593	398
POUND NETS	-	-	97,619	3,406
TRAP NETS	-	-	8,185	993
FLOATING TRAPS	-	-	12,600	1,506
FYKE AND HOOP NETS	-	-	20,746	2,258
POTS AND TRAPS	82	39	360,258	53,739
GILL NETS	87	45	252,014	42,210
TRAMMEL NETS	-	-	16,118	2,158
HOOKS AND BAITS	12,111	2,725	238,552	50,902
ELECTRICAL DEVICES	-	-	1	(3)
DIP NETS	-	-	7,903	453
LIFT NETS	119	47	119	47
REEF NETS	-	-	489	158
PUSH NETS	-	-	42	8
CAST NETS	4	2	81	30
HARPOONS	-	-	7,161	713
SPEARS	6	4	181	47
SCRAPES	-	-	1,620	589
DREDGES	-	-	129,319	33,177
TONGS AND RAKES 8/	-	-	37,697	19,877
HOES AND FORKS	-	-	6,031	3,483
SHOVELS	-	-	551	303
BRUSH TRAPS	-	-	45	27
CROWFOOT BARS	-	-	21,146	1,644
GRABS	-	-	11	5
HOOKS	-	-	68	73
DIVING OUTFITS	-	-	6,840	1,830
BY HAND	6	16	11,254	2,736
UNCLASSIFIED GEAR	86	34	86	34
TOTAL	13,014	3,128	4,365,894	472,354

1/ THE LANDINGS BY HAUL SEINES IN ALASKA AND BY LAMPARA NETS IN CALIFORNIA HAVE BEEN INCLUDED WITH PURSE SEINES.

2/ INCLUDES THE LANDINGS BY MID-WATER TRAWLS.

3/ LESS THAN 500 POUNDS OR $500.

4/ THE LANDINGS BY SLAT TRAPS IN VIRGINIA HAVE BEEN INCLUDED WITH POTS AND TRAPS.

5/ THE LANDINGS BY TRAMMEL NETS IN CALIFORNIA HAVE BEEN INCLUDED WITH GILL NETS.

6/ THE LANDINGS BY BRAIL OR SCOOP NETS IN CALIFORNIA HAVE BEEN INCLUDED WITH DIP NETS.

7/ THE LANDINGS BY HAND IN WASHINGTON AND OREGON HAVE BEEN INCLUDED WITH THE LANDINGS BY DREDGES. IN CALIFORNIA, THEY HAVE BEEN INCLUDED WITH TONGS.

8/ INCLUDES THE LANDINGS BY OYSTER GRABS.

GENERAL REVIEW

LANDINGS FROM WATERS OFF THE UNITED STATES AND ON THE HIGH SEAS OFF FOREIGN COASTS, 1966

(THOUSANDS OF POUNDS)

AREA AND SPECIES	WATERS OFF U.S. COASTS	HIGH SEAS OFF FOREIGN COASTS	TOTAL
	QUANTITY	QUANTITY	QUANTITY
ATLANTIC AND GULF STATES:			
NEW ENGLAND:			
COD	35,122	2,168	37,290
CUSK	2,058	160	2,218
FLOUNDERS	104,615	335	104,950
HADDOCK	126,767	5,497	132,264
HAKE, WHITE	3,349	183	3,532
HALIBUT	286	21	307
OCEAN PERCH	15,874	65,678	81,552
POLLOCK	7,378	1,371	8,749
SWORDFISH	817	38	855
TUNA	2,007	2	2,009
WHITING	83,839	2	83,841
WOLFFISH	443	55	498
UNCLASSIFIED	226,211	99	226,310
TOTAL	608,766	75,609	684,375
MIDDLE ATLANTIC STATES, UNCLASSIFIED, TOTAL	167,912	-	167,912
CHESAPEAKE STATES, UNCLASSIFIED, TOTAL	501,689	-	501,689
SOUTH ATLANTIC STATES, UNCLASSIFIED, TOTAL	367,777	-	367,777
GULF:			
GROUPERS	7,024	868	7,892
SNAPPER, RED	6,123	6,404	12,527
SHRIMP	162,182	17,048	179,230
UNCLASSIFIED	996,401	118	996,519
TOTAL	1,171,730	24,438	1,196,168
TOTAL ATLANTIC AND GULF STATES	2,817,874	100,047	2,917,921
PACIFIC COAST STATES:			
ALASKA, WASHINGTON, AND OREGON:			
BOTTOMFISH (WASHINGTON AND OREGON) 1/	34,837	45,726	80,563
HALIBUT	38,101	2,224	40,325
SALMON	376,193	1,872	378,065
UNCLASSIFIED	293,639	100	293,739
TOTAL	742,770	49,922	792,692
CALIFORNIA:			
BARRACUDA	233	86	319
BONITO	18,308	840	19,148
FLOUNDERS	21,835	262	22,097
GROUPERS	-	251	251
ROCKFISHES	9,976	88	10,064
SEA BASS:			
BLACK	7	334	341
WHITE	675	663	1,338
SHARKS, UNCLASSIFIED	631	23	654
TUNA:			
ALBACORE	16,814	1,375	18,189
BLUEFIN	2,203	32,618	34,821
SKIPJACK	174	50,915	51,089
YELLOWFIN	2	132,609	132,611
TOTAL TUNA	19,193	217,517	236,710
YELLOWTAIL	36	209	245
UNCLASSIFIED	169,727	51	169,778
TOTAL	240,621	220,324	460,945
TOTAL PACIFIC COAST STATES	983,391	270,246	1,253,637
GREAT LAKES AND MISSISSIPPI RIVER STATES, UNCLASSIFIED, TOTAL	181,322	-	181,322
HAWAII, UNCLASSIFIED, TOTAL	13,014	-	13,014
GRAND TOTAL	3,995,601	370,293	4,365,894

1/ PRINCIPALLY COD, FLOUNDERS (INCLUDING SOLE), LINGCOD, OCEAN PERCH, ROCKFISHES, AND SABLEFISH.

LANDINGS USED FOR HUMAN FOOD AND INDUSTRIAL PRODUCTS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FOR HUMAN FOOD, TOTAL . . .	583,451	75,317	102,766	20,538	187,113	29,990
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	3,874	78	982	20	1,685	13
BAIT, FRESH AND FROZEN. .	18,723	1,893	5,181	237	29,772	844
CANNED ANIMAL FOOD. . . .	16,133	293	250	7	4,480	72
REDUCTION TO MEAL, OIL, ETC.	58,094	592	58,733	774	278,639	4,319
OTHER	4,100	74	-	-	-	-
TOTAL.	100,924	2,930	65,146	1,038	314,576	5,248
GRAND TOTAL.	684,375	78,247	167,912	21,576	501,689	35,238

ITEM	SOUTH ATLANTIC		GULF		PACIFIC 1/	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FOR HUMAN FOOD, TOTAL . . .	137,093	23,812	321,299	106,807	1,147,298	168,900
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	-	-	13,316	189	8,192	317
BAIT, FRESH AND FROZEN. .	7,154	132	6,361	260	18,894	571
CANNED ANIMAL FOOD. . . .	148	1	63,055	1,203	16,490	458
REDUCTION TO MEAL, OIL, ETC.	223,375	3,097	792,111	13,905	75,777	1,008
OTHER	7	27	26	217	-	-
TOTAL.	230,684	3,257	874,869	15,774	119,353	2,354
GRAND TOTAL.	367,777	27,069	1,196,168	122,581	1,266,651	171,254

ITEM	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FOR HUMAN FOOD, TOTAL . . .	34,800	5,251	58,627	6,596	2,572,447	437,211
FOR INDUSTRIAL PRODUCTS:						
ANIMAL FOOD, FRESH AND FROZEN	2,875	67	6,094	107	37,018	791
BAIT, FRESH AND FROZEN. .	-	-	501	48	86,586	3,985
CANNED ANIMAL FOOD. . . .	10,316	181	282	5	111,154	2,220
REDUCTION TO MEAL, OIL, ETC.	21,459	376	-	-	1,508,188	24,071
OTHER	-	-	46,368	3,758	50,501	4,076
TOTAL.	34,650	624	53,245	3,918	1,793,447	35,143
GRAND TOTAL.	69,450	5,875	111,872	10,514	4,365,894	472,354

1/ INCLUDES HAWAII.

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY REGIONS, 1966

(THOUSANDS OF POUNDS)

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF	PACIFIC 1/	GREAT LAKES	MISSISSIPPI RIVER	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES . . .	9,532	4,360	14,324	6,403	240	-	29,008	-	63,867
ANCHOVIES . .	-	-	-	-	-	57,073	-	-	57,073
ANGLERFISH . .	3,001	16	-	-	-	-	-	-	3,017
BALLYHOO . . .	-	-	-	1	96	-	-	-	97
BONITO	-	-	-	-	-	2,662	-	-	2,662
BOWFIN . . .	-	-	-	-	-	-	-	35	35
BUTTERFISH . .	401	55	390	397	-	-	-	-	1,243
CARP	-	-	-	-	-	421	71	2,538	3,030
CATFISH AND BULLHEADS . .	-	-	-	-	-	-	-	1,247	1,247
CHUBS	-	-	-	-	-	-	2,647	206	2,853
CIGARFISH . .	-	-	-	-	320	-	-	-	320
CREVALLE . . .	-	-	-	153	576	-	-	-	729
CROAKER . . .	-	-	92	2,287	51,129	-	-	-	53,508
DRUM, BLACK .	-	-	-	-	10	-	-	-	10
EELS, COMMON.	5	-	136	-	-	-	-	-	141
FLOUNDERS . .	2,032	4,122	47	5	-	4,884	-	-	11,090
GARFISH . . .	-	-	-	-	-	-	-	36	36
GIZZARD SHAD.	-	-	-	-	-	-	23	367	390
HAKE:									
PACIFIC . .	-	-	-	-	-	11,920	-	-	11,920
RED	9,313	1,294	-	-	-	-	-	-	10,607
HERRING:									
LAKE. . . .	-	-	-	-	-	-	12	-	12
SEA:									
ATLANTIC.	20,364	6,729	9	-	-	-	-	-	27,102
PACIFIC .	-	-	-	-	-	13,851	-	-	13,851
THREAD. . .	-	-	-	2,582	-	-	-	-	2,582
JACK MACKEREL	-	-	-	-	-	6,188	-	-	6,188
KING CROAKER.	-	-	-	-	-	313	-	-	313
KING WHITING OR "KING FISH"	-	-	-	64	20	-	-	-	84
LAUNCE. . . .	119	-	-	-	-	-	-	-	119
LINGCOD . . .	-	-	-	-	-	30	-	-	30
MACKEREL:									
ATLANTIC. .	764	26	-	-	-	-	-	-	790
PACIFIC . .	-	-	-	-	-	214	-	-	214
SPANISH . .	-	-	-	8	-	-	-	-	8
MENHADEN. . .	14	22,016	277,894	215,155	792,671	-	-	-	1,307,750
MULLET. . . .	-	-	-	165	698	-	-	-	863
OCEAN PERCH:									
ATLANTIC. .	1,648	-	-	-	-	-	-	-	1,648
PACIFIC . .	-	-	-	-	-	6	-	-	6
OCEAN POUT OR EELPOUT. . .	15,729	4,803	-	-	-	-	-	-	20,532
PIGFISH . . .	-	-	-	195	-	-	-	-	195
PINFISH . . .	-	-	-	83	-	-	-	-	83
POLLOCK . . .	32	-	-	-	-	295	-	-	327
RATFISH . . .	-	-	-	-	-	1,304	-	-	1,304
ROCKFISHES. .	-	-	-	-	-	612	-	-	612
SABLEFISH . .	-	-	-	-	-	941	-	-	941
SALMON, CHUM.	-	-	-	-	-	800	-	-	800
SAND PERCH. .	-	-	-	83	-	-	-	-	83
SARDINES:									
PACIFIC . .	-	-	-	-	-	621	-	-	621
SPANISH . .	-	-	-	-	137	-	-	-	137
SCULPIN . . .	-	1,700	-	-	-	-	-	-	1,700
SCUP OR PORGY	-	-	215	265	-	-	-	-	480
SEA ROBIN . .	1,916	11,518	456	-	-	-	-	-	13,890
SEA TROUT OR WEAKFISH:									
GRAY. . . .	-	-	116	215	-	-	-	-	331
WHITE . . .	-	-	-	-	5,861	-	-	-	5,861
SHAD.	-	74	-	-	-	50	-	-	124
SHARKS, UNCLASSIFIED .	477	11	-	-	-	1,901	-	-	2,389
SHEEPSHEAD, FRESH-WATER.	-	-	-	-	-	-	977	2,263	3,240
SILVER EELS OR CUTLASS-FISH	-	-	-	-	3,257	-	-	-	3,257
SILVERSIDES OR SPEARING.	-	176	-	-	-	-	-	-	176
SKATES. . . .	6,894	435	-	-	-	653	-	-	7,982
SMELT	-	-	-	-	-	145	923	-	1,068
SPOT.	-	-	195	982	5,862	-	-	-	7,039
SUCKERS . . .	-	-	-	-	-	-	-	68	68
SWELLFISH . .	-	-	3,632	-	-	-	-	-	3,632
TENPOUNDER. .	-	-	-	-	986	-	-	-	986

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY REGIONS, 1966 - Continued

(THOUSANDS OF POUNDS)

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE	SOUTH ATLANTIC	GULF	PACIFIC 1/	GREAT LAKES	MISSIS-SIPPI RIVER	TOTAL
FISH - CONT'D.	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
TOMCOD. . . .	-	-	-	-	-	309	-	-	309
TULLIBEE. . .	-	-	-	-	-	-	940	-	940
WHITING . . .	8,797	2,105	-	-	-	-	-	-	10,902
UNCLASSIFIED.	14,039	3,814	16,004	1,634	12,694	563	-	-	48,748
TOTAL FISH. .	95,077	63,254	313,510	230,677	874,557	105,660	34,650	6,707	1,724,092
SHELLFISH, ETC.									
CRABS:									
BLUE, SOFT AND PEELER	-	-	916	-	-	-	-	-	916
GREEN . . .	36	-	-	-	-	-	-	-	36
ARTEMIA (BRINE SHRIMP) EGGS	-	-	-	-	-	-	-	170	170
HORSESHOE CRABS. . . .	-	133	-	-	-	-	-	-	133
SHRIMP. . . .	-	-	-	-	256	200	-	-	456
CLAMS (MEAT):									
RAZOR . . .	6	-	-	-	-	110	-	-	116
SURF. . . .	11	1,109	3	-	-	-	-	-	1,123
MUSSELS, SEA (MEATS). . .	3	-	-	-	-	-	-	-	3
MUSSEL SHELLS, FRESH-WATER.	-	-	-	-	-	-	-	46,361	46,361
SQUID	100	650	147	-	30	6,906	-	-	7,833
TURTLES, BABY	-	-	-	-	-	-	-	7	7
SEA WEEDS AND IRISH MOSS .	4,100	-	-	-	-	-	-	-	4,100
SPONGES . . .	-	-	-	7	26	-	-	-	33
BLOODWORMS. .	720	-	-	-	-	-	-	-	720
SANDWORMS . .	871	-	-	-	-	-	-	-	871
TOTAL, SHELLFISH, ETC. .	5,847	1,892	1,066	7	312	7,216	-	46,538	62,878
WHALE PRODUCTS. . . .	-	-	-	-	-	6,477	-	-	6,477
GRAND TOTAL .	100,924	65,146	314,576	230,684	874,869	119,353	34,650	53,245	1,793,447

1/ INCLUDES HAWAII.

NOTE:--PARTIALLY ESTIMATED.

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY COMMODITY, 1966

(THOUSANDS OF POUNDS)

SPECIES	ANIMAL FOOD, FRESH AND FROZEN	BAIT, FRESH AND FROZEN	CANNED ANIMAL FOOD	FOR REDUCTION	OTHER	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES:						
ATLANTIC	653	9,613	4,676	19,917	-	34,859
LAKE	-	-	7,549	21,459	-	29,008
ANCHOVIES	-	1,500	1,474	54,099	-	57,073
ANGLERFISH	-	-	-	3,017	-	3,017
BALLYHOO	-	97	-	-	-	97
BONITO	-	-	2,662	-	-	2,662
BOWFIN	35	-	-	-	-	35
BUTTERFISH	416	114	-	713	-	1,243
CARP	2,775	-	255	-	-	3,030
CATFISH AND BULLHEADS	1,150	-	97	-	-	1,247
CHUBS	156	-	2,697	-	-	2,853
CIGARFISH	-	320	-	-	-	320
CREVALLE	-	729	-	-	-	729
CROAKER	13,408	1,641	36,594	1,865	-	53,508
DRUM, BLACK	-	10	-	-	-	10
EELS, COMMON	-	141	-	-	-	141
FLOUNDERS	4,096	1,177	217	5,600	-	11,090
GARFISH	36	-	-	-	-	36
GIZZARD SHAD	59	331	-	-	-	390
HAKE:						
PACIFIC	270	61	5,108	6,381	-	11,820
RED	342	1,480	2,360	6,425	-	10,607
HERRING:						
LAKE	12	-	-	-	-	12
SEA:						
ATLANTIC	1,881	10,168	1,500	13,553	-	27,102
PACIFIC	365	6,222	189	7,075	-	13,851
THREAD	-	-	-	2,582	-	2,582
JACK MACKEREL	-	20	6,168	-	-	6,188
KING CROAKER	-	-	313	-	-	313
KING WHITING OR "KINGFISH"	-	62	22	-	-	84
LAUNCE	-	119	-	-	-	119
LINGCOD	8	-	22	-	-	30
MACKEREL:						
ATLANTIC	186	604	-	-	-	790
PACIFIC	-	-	214	-	-	214
SPANISH	-	8	-	-	-	8
MENHADEN	-	27,382	2,020	1,278,348	-	1,307,750
MULLET	-	863	-	-	-	863
OCEAN PERCH:						
ATLANTIC	-	600	-	1,048	-	1,648
PACIFIC	6	-	-	-	-	6
OCEAN POUT OR EELPOUT	-	-	7,241	13,291	-	20,532
PIGFISH	-	-	7	188	-	195
PINFISH	-	-	-	83	-	83
POLLOCK	52	85	-	190	-	327
RATFISH	164	-	-	1,140	-	1,304
ROCKFISHES	286	316	-	10	-	612
SABLEFISH	33	908	-	-	-	941
SALMON, CHUM	-	800	-	-	-	800
SAND PERCH	-	-	-	83	-	83
SARDINES:						
PACIFIC	-	621	-	-	-	621
SPANISH	-	137	-	-	-	137
SCULPIN	-	-	-	1,700	-	1,700
SCUP OR PORGY	215	46	-	219	-	480
SEA ROBIN	761	354	-	12,775	-	13,890
SEA TROUT OR WEAKFISH:						
GRAY	116	42	37	136	-	331
WHITE	-	186	5,675	-	-	5,861
SHAD	-	-	-	124	-	124
SHARKS, UNCLASSIFIED	3	-	-	2,386	-	2,389
SHEEPSHEAD, FRESH-WATER	3,240	-	-	-	-	3,240
SILVER EELS OR CUTLASSFISH	-	104	3,153	-	-	3,257
SILVERSIDES OR SPEARING	-	176	-	-	-	176
SKATES	248	722	-	7,012	-	7,982
SMELT	923	22	123	-	-	1,068
SPOT	195	392	5,690	762	-	7,039
SUCKERS	68	-	-	-	-	68
SWELLFISH	-	-	-	3,632	-	3,632
TENPOUNDER	-	986	-	-	-	986
TOMCOD	88	25	-	196	-	309
TULLIBEE	940	-	-	-	-	940
WHITING	1,150	450	1,532	7,770	-	10,902
UNCLASSIFIED	455	4,708	13,559	30,026	-	48,748
TOTAL FISH	34,791	74,342	111,154	1,503,805	-	1,724,092

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS USED FOR INDUSTRIAL PRODUCTS, BY COMMODITY, 1966 - Continued

(THOUSANDS OF POUNDS)

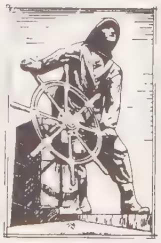
SPECIES	ANIMAL FOOD, FRESH AND FROZEN	BAIT, FRESH AND FROZEN	CANNED ANIMAL FOOD	FOR REDUCTION	OTHER	TOTAL
SHELLFISH, ETC.	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:						
BLUE, SOFT OR PEELER.	-	916	-	-	-	916
GREEN	-	36	-	-	-	36
ARTEMIA (BRINE SHRIMP) EGGS . .	-	170	-	-	-	170
HORSESHOE CRABS	-	-	-	133	-	133
SHRIMP.	-	456	-	-	-	456
CLAMS (MEAT):						
RAZOR	-	116	-	-	-	116
SURF.	-	1,123	-	-	-	1,123
MUSSELS, SEA (MEAT)	-	3	-	-	-	3
MUSSEL SHELLS, FRESH-WATER. . .	-	-	-	-	46,361	46,361
SQUID	-	7,833	-	-	-	7,833
TURTLES, BABY	-	-	-	-	7	7
SEAWEEDS AND IRISH MOSS	-	-	-	-	4,100	4,100
SPONGES	-	-	-	-	33	33
BLOODWORMS.	-	720	-	-	-	720
SANDWORMS	-	871	-	-	-	871
TOTAL SHELLFISH, ETC. . .	-	12,244	-	133	50,501	62,878
WHALE PRODUCTS.	2,227	-	-	4,250	-	6,477
GRAND TOTAL	37,018	86,586	111,154	1,508,188	50,501	1,793,447

NOTE:--PARTIALLY ESTIMATED.

MONTHLY LANDINGS AND UTILIZATION OF FISH AND SHELLFISH, 1966

MONTH	LANDINGS FOR HUMAN FOOD		LANDINGS FOR INDUSTRIAL PRODUCTS 1/		TOTAL	
	MILLION POUNDS	PERCENT	MILLION POUNDS	PERCENT	MILLION POUNDS	PERCENT
JANUARY	103	4.0	25	1.4	128	2.9
FEBRUARY.	116	4.5	21	1.2	137	3.1
MARCH	163	6.3	40	2.2	203	4.7
APRIL	153	5.9	107	6.0	260	6.0
MAY	211	8.2	207	11.6	418	9.6
JUNE.	261	10.1	319	17.8	580	13.3
JULY.	444	17.3	283	15.8	727	16.7
AUGUST.	374	14.6	234	13.0	608	13.9
SEPTEMBER	219	8.5	202	11.2	421	9.6
OCTOBER	204	7.9	94	5.2	298	6.8
NOVEMBER.	166	6.5	170	9.5	336	7.7
DECEMBER.	158	6.2	92	5.1	250	5.7
TOTAL	2,572	100.0	1,794	100.0	4,366	100.0

1/ USED FOR MEAL, OIL, SOLUBLES, BAIT, ANIMAL FOOD AND OTHER NON-HUMAN FOOD PRODUCTS.



RELATIVE VOLUME OF THE LANDINGS, BY SPECIES, 1966

SPECIES	QUANTITY	PERCENT OF TOTAL	RECORD CATCH AND YEAR	
	THOUSAND POUNDS	PERCENT	YEAR	THOUSAND POUNDS
MENHADEN	1,307,710	30.0	1962	2,347,944
SALMON	387,749	8.9	1936	790,884
CRABS	372,425	8.5	1966	372,425
TUNA	269,172	6.2	1950	391,454
SHRIMP	239,046	5.5	1954	268,334
INDUSTRIAL FISH 1/	196,318	4.5	1965	265,438
FLOUNDERS	174,520	4.0	1965	180,121
HADDOCK	132,288	3.0	1929	293,809
HERRING, SEA:				
ATLANTIC	72,299	1.7	1902	200,598
PACIFIC	24,107	.5	1937	263,200
TOTAL	96,406	2.2	-	-
WHITING	90,408	2.1	1957	133,[illegible]41
ALEWIVES	87,445	2.0	1908	89,978
OCEAN PERCH, ATLANTIC	81,552	1.9	1951	258,320
CLAMS	72,751	1.7	1966	72,751
ANCHOVIES	62,284	1.4	1953	86,044
OYSTERS	51,223	1.2	2/ 1908	152,046
COD:				
ATLANTIC	37,576	.9	1880	294,351
PACIFIC	9,983	.2	1915	32,681
TOTAL	47,559	1.1	-	-
MUSSEL SHELLS	46,361	1.1	1908	81,869
JACK MACKEREL	41,119	.9	1952	146,522
HALIBUT, PACIFIC	40,326	.9	1915	66,696
MULLET	38,026	.9	1902	43,385
CATFISH AND BULLHEADS	34,656	.8	1963	38,614
CARP	32,348	.7	1908	42,659
LOBSTERS, NORTHERN	29,541	.7	1960	31,168
SCUP OR PORGY	28,355	.6	1960	49,229
ROCKFISHES	25,529	.6	1945	57,686
MACKERELS	24,630	.6	(3)	(3)
OCEAN PERCH, PACIFIC	21,864	.5	1965	28,352
SQUID	21,735	.5	1946	40,266
BONITO	19,271	.4	1966	19,271
BUFFALOFISH	18,034	.4	1950	25,873
SCALLOPS, SEA	15,975	.4	1961	27,461
SNAPPER, RED	13,317	.3	1902	23,457
HAKE, PACIFIC	11,833	.3	1966	11,833
CHUBS	10,149	.2	1960	16,854
STRIPED BASS	9,124	.2	1961	9,495
POLLOCK	9,018	.2	1938	40,694
SWELLFISH	8,658	.2	1965	13,403
GROUPERS	8,358	.2	1965	9,570
LINGCOD	7,959	.2	1944	14,262
SHEEPSHEAD, FRESH-WATER	7,355	.2	1959	13,644
SHAD	7,305	.2	1890	43,000
SABLEFISH	6,931	.2	1945	17,750
YELLOW PERCH	6,741	.2	1934	16,282
WHALE PRODUCTS 5/	6,477	.1	(3)	(3)
SEA TROUT OR WEAKFISH, SPOTTED	6,401	.1	1936	8,800
SPOT	5,973	.1	1952	15,863
BUTTERFISH	5,928	.1	1939	17,151
LOBSTERS, SPINY	5,844	.1	1965	6,237
BLUEFISH	5,484	.1	4/ 1897	22,673
KING WHITING OR "KINGFISH"	4,997	.1	1965	5,708
SEA BASS, BLACK (ATLANTIC)	4,859	.1	1952	21,997
HERRING, LAKE	4,576	.1	1899	59,914
SMELT	4,384	.1	1958	13,303
IRISH MOSS	4,100	.1	1961	6,995
UNCLASSIFIED	93,497	2.1	-	-
TOTAL	4,365,894	100.0	-	-

1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.

2/ FIRST YEAR IN WHICH AN OYSTER SURVEY WAS MADE IN ALL REGIONS.

3/ DATA NOT AVAILABLE.

4/ INCLUDES DATA ON NEW ENGLAND LANDINGS IN 1898.

5/ SINCE DATA ARE NOT AVAILABLE ON THE POUNDAGE OF WHALES TAKEN, STATISTICS ON THE YIELD OF THESE MAMMALS REPRESENT THE WEIGHT OF THE WHALE PRODUCTS WHICH INCLUDES MEAL, MEAT, AND OIL.

RELATIVE VALUE OF THE LANDINGS, BY SPECIES, 1966

SPECIES	QUANTITY	PERCENT OF TOTAL	RECORD VALUE AND YEAR	
	THOUSAND DOLLARS	PERCENT	YEAR	THOUSAND DOLLARS
SHRIMP	96,296	20.4	1966	96,296
SALMON	73,595	15.6	1966	73,595
TUNA	44,840	9.5	1950	61,342
CRABS	33,037	7.0	1966	33,037
OYSTERS	27,373	5.8	1961	33,204
LOBSTERS, NORTHERN	22,266	4.7	1966	22,266
MENHADEN	21,767	4.6	1956	28,425
FLOUNDERS	20,170	4.3	1966	20,170
CLAMS	18,551	3.9	1966	18,551
HADDOCK	13,943	3.0	1966	13,943
HALIBUT, PACIFIC	9,708	2.1	1962	11,579
SCALLOPS, SEA	7,625	1.6	1965	13,182
CATFISH AND BULLHEADS	6,941	1.5	1966	6,941
SNAPPER, RED	4,334	.9	1966	4,334
WHITING	3,955	.8	1951	2,903
MUSSEL SHELLS	3,737	.8	(1)	(1)
COD:				
ATLANTIC	3,196	.7	1948	4,742
PACIFIC	518	.1	1959	664
TOTAL	3,714	.8	-	-
OCEAN PERCH, ATLANTIC	3,425	.7	1951	12,597
SCUP OR PORGY	3,326	.7	1966	3,326
LOBSTERS, SPINY	2,882	.6	1965	3,626
INDUSTRIAL FISH 2/	2,606	.6	1963	3,044
MULLET	2,577	.6	1945	4,647
MACKERELS	2,404	.5	(1)	(1)
BUFFALOFISH	2,123	.5	1952	3,564
HERRING, SEA:				
ATLANTIC	1,434	.3	1948	3,798
PACIFIC	591	.1	1947	2,152
TOTAL	2,025	.4	-	-
CHUBS	1,880	.4	1958	2,564
SCALLOPS, BAY	1,672	.4	1966	1,672
STRIPED BASS	1,654	.4	1966	1,654
SEA TROUT OR WEAKFISH, SPOTTED	1,633	.3	1952	1,781
JACK MACKEREL	1,512	.3	1952	4,755
ROCKFISHES	1,412	.3	1945	2,648
ALEWIVES	1,328	.3	1966	1,328
OCEAN PERCH, PACIFIC	1,105	.2	1965	1,334
GROUPERS	1,078	.2	1966	1,078
CARP	1,028	.2	1951	2,007
WHITEFISH, COMMON	986	.2	1948	3,784
SHAD	920	.2	1945	2,680
ABALONE	920	.2	1966	920
YELLOW PERCH	812	.2	1958	1,540
SWORDFISH	804	.2	1946	1,435
POMPANO	801	.2	1966	801
BONITO	771	.2	1947	1,636
BLOODWORMS	735	.2	1964	804
SEA BASS, BLACK (ATLANTIC)	709	.1	1952	5,206
SQUID	680	.1	1947	1,370
SABLEFISH	669	.1	1946	1,834
BLUEFISH	647	.1	1951	760
ANCHOVIES	645	.1	1953	1,712
SANDWORMS	596	.1	1966	596
BUTTERFISH	541	.1	1962	1,005
YELLOW PIKE	541	.1	1951	2,152
CRAWFISH, FRESH-WATER	539	.1	1965	1,039
POLLOCK	511	.1	1945	1,819
SPOT	498	.1	1964	1,014
UNCLASSIFIED	11,507	2.4	-	-
TOTAL	472,354	100.0	-	-

1/ DATA NOT AVAILABLE.

2/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.

SEED OYSTER FISHERY, 1966

ITEM	NEW ENGLAND 1/		MIDDLE ATLANTIC		CHESAPEAKE 2/		TOTAL	
OPERATING UNITS	NUMBER		NUMBER		NUMBER		NUMBER	
FISHERMEN:								
ON VESSELS.	-		924		423		1,347	
ON BOATS AND SHORE:								
REGULAR	8		359		540		907	
CASUAL.	6		-		807		813	
TOTAL.	14		1,263		1,770		3,067	
VESSELS, MOTOR.	-		92		179		271	
GROSS TONNAGE	-		2,598		1,045		3,643	
BOATS:								
MOTOR	9		134		759		902	
OTHER	-		65		9		74	
GEAR:								
DREDGES, COMMON	3		199		-		202	
YARDS AT MOUTH.	4		199		-		203	
TONGS	8		312		1,376		1,696	
LANDINGS	U.S. BUSHELS	VALUE	U.S. BUSHELS	VALUE	U.S. BUSHELS	VALUE	U.S. BUSHELS	VALUE
OYSTER, SEED:								
PUBLIC:								
SPRING.	148	$446	264,305	$512,110	807,846	$650,563	1,072,299	$1,163,119
FALL.	302	904	-	-	582,522	1,119,993	582,824	1,120,897
PRIVATE:								
SPRING.	5,850	31,028	9,597	100,863	8,522	6,776	23,969	138,667
FALL.	-	-	48	773	20,256	16,409	20,304	17,182
TOTAL.	6,300	32,378	273,950	613,746	1,419,146	1,793,741	1,699,396	2,439,865

1/ CONFINED TO MASSACHUSETTS AND RHODE ISLAND.

2/ CONFINED TO VIRGINIA.

NOTE:--SOME OF THE FISHERMEN ENGAGED IN HARVESTING SEED OYSTERS ALSO FISHED FOR MARKET OYSTERS OR OTHER SPECIES.

U.S. LANDINGS, 1966 - LIVE WEIGHT BASIS

In the annual digest it has been the practice of the Bureau to show the landings of univalve and bivalve mollusks on the basis of the weight of meats. Insofar as possible, all other fish and shellfish items are shown on a live weight basis.

Since world fishery statistics published by the Food and Agriculture Organization of the United Nations represent the live weight of the catch for all items of fish and shellfish, it has been necessary to provide that organization with information on the domestic catch of all species on a live weight basis. Data released by the Food and Agriculture Organization, therefore, indicate that the 1966 U.S. landings were 1.2 billion pounds greater than the figure appearing in Bureau publications. The increase is due to the inclusion of the weight of the shells of univalve and bivalve mollusks in the Food and Agriculture Organization data.

A table is included in this report showing the entire domestic catch on a live weight basis. Information is also published on the catch of fishery products in the principal countries of the world so that the relative importance of the domestic fisheries can be determined. Tables containing these data follow:

U.S. LANDINGS, 1966 - LIVE WEIGHT BASIS

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
FISH	3,486,910	253,236
SHELLFISH, ETC:		
UNIVALVE AND BIVALVE MOLLUSKS:		
ABALONE	4,942	920
CLAMS:		
HARD	114,205	10,524
OCEAN QUAHOG	728	11
RANGIA	494	17
RAZOR	575	141
SOFT	59,588	3,974
SURF	237,745	3,876
MIXED	47	8
TOTAL CLAMS	413,382	18,551
CONCHS	4,038	258
LIMPETS	25	16
MUSSELS:		
SEA	3,183	69
FRESH-WATER	50,997	3,737
OYSTERS, MARKET	785,336	27,373
PERIWINKLES AND COCKLES	215	13
SCALLOPS:		
BAY	16,399	1,672
CALICO	23,210	369
SEA	137,790	7,625
TOTAL UNIVALVE AND BIVALVE MOLLUSKS	1,439,517	60,603
CRUSTACEANS	650,432	155,063
OTHER	29,252	3,020
TOTAL SHELLFISH, ETC.	2,119,201	218,686
WHALE PRODUCTS	6,477	432
GRAND TOTAL	5,612,588	472,354

U.S. LANDINGS, 1950-58 - LIVE WEIGHT BASIS

U.S. landings data have been revised for the years 1950-58, inclusive. The revisions occur in the mollusk data, and are the result of using more accurate factors than were formerly available for converting mollusks from weight of meats to live weight. The revised figures supersede the live weight data previously published in "Fishery Statistics of the United States" for 1955-58, inclusive. Data shown in the following tabulations are comparable with the live weight data appearing in the annual digest beginning with the 1959 report.

The value of the landings remains the same but is included here for ready reference.

U.S. LANDINGS, 1950-58 (REVISED) - LIVE WEIGHT BASIS

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

ITEM	1950		1951		1952	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH	4,327.3	229.6	3,822.8	236.5	3,849.8	226.5
SHELLFISH, ETC:						
UNIVALVE AND BIVALVE MOLLUSKS:						
ABALONE	3.9	.4	4.0	.4	4.7	.4
CLAMS:						
HARD	155.1	7.3	153.0	7.6	128.8	7.4
OCEAN QUAHOG	1.8	(1)	1.6	(1)	3.9	(1)
RAZOR	3.1	.4	3.4	.5	2.5	.3
SOFT	40.9	2.2	32.7	2.2	32.3	2.6
SURF	40.7	.8	61.7	1.2	64.3	1.4
MIXED	.3	(1)	.2	(1)	.2	(1)
TOTAL CLAMS	241.9	10.7	252.6	11.5	232.0	11.7
CONCHS	1.3	.1	1.3	(1)	1.4	.1
MUSSELS:						
SEA	4.8	.1	4.5	.1	2.3	(1)
FRESH-WATER	25.4	.4	2/ 25.4	2/ .4	2/ 25.4	2/ .4
OYSTERS, MARKET	1,143.7	29.6	996.0	29.1	1,135.3	32.3
PERIWINKLES AND COCKLES	(1)	(1)	(1)	(1)	(1)	(1)
SCALLOPS:						
BAY	13.1	1.2	14.6	1.3	14.9	1.4
SEA	172.8	9.2	162.2	8.3	161.2	10.8
TOTAL UNIVALVE AND BIVALVE MOLLUSKS	1,606.9	51.7	1,460.6	51.1	1,577.2	57.1
CRUSTACEANS	378.9	61.7	404.0	71.9	391.5	75.5
OTHER	14.6	.9	24.6	1.2	9.7	1.0
TOTAL SHELLFISH, ETC.	2,000.4	114.3	1,889.2	124.2	1,978.4	133.6
WHALE PRODUCTS	-	-	.7	.1	-	-
GRAND TOTAL	6,327.7	343.9	5,712.7	360.8	5,828.2	360.1

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

U.S. LANDINGS, 1950-58 (REVISED) - LIVE WEIGHT BASIS - Continued

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

ITEM	1953		1954		1955	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH	3,845.2	199.2	4,122.2	220.1	4,189.6	195.9
SHELLFISH, ETC:						
UNIVALVE AND BIVALVE MOLLUSKS:						
ABALONE	4.7	.4	4.1	.4	4.2	.4
CLAMS:						
HARD	123.6	7.4	98.7	6.0	103.3	6.1
OCEAN QUAHOG	2.2	(1)	3.0	(1)	3.4	(1)
RAZOR	2.6	.3	2.2	.2	3.1	.4
SOFT	24.9	2.3	22.6	2.2	23.7	2.1
SURF	80.5	1.4	74.8	1.5	76.9	1.4
MIXED	.3	(1)	.2	(1)	.3	(1)
TOTAL CLAMS	234.1	11.4	201.5	9.9	210.7	10.0
CONCHS	2.7	.1	2.3	.1	3.2	.1
MUSSELS:						
SEA	2.7	.1	3.0	.1	3.9	.1
FRESH-WATER	2/ 25.4	2/ .4	33.2	.5	35.6	.7
OYSTERS, MARKET	1,091.4	29.1	1,130.0	32.8	1,060.6	30.5
PERIWINKLES AND COCKLES	(1)	(1)	(1)	(1)	(1)	(1)
SCALLOPS:						
BAY	23.5	1.4	13.4	.8	13.0	1.1
SEA	194.2	10.5	145.3	8.0	181.0	11.4
TOTAL UNIVALVE AND BIVALVE MOLLUSKS	1,578.7	53.4	1,532.8	52.6	1,512.2	54.3
CRUSTACEANS	436.9	98.5	439.9	81.9	413.6	84.2
OTHER	17.0	1.2	14.6	1.0	20.9	1.4
TOTAL SHELLFISH, ETC.	2,032.6	153.1	1,987.3	135.5	1,946.7	139.9
GRAND TOTAL	5,877.8	352.3	6,109.5	355.6	6,136.3	335.8

ITEM	1956		1957		1958	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH	4,664.0	216.7	4,182.2	197.0	4,158.2	216.3
SHELLFISH, ETC:						
UNIVALVE AND BIVALVE MOLLUSKS:						
ABALONE	4.3	.5	5.4	.6	4.3	.4
CLAMS:						
HARD	106.7	6.2	107.1	6.4	103.9	6.2
OCEAN QUAHOG	3.0	(1)	3.0	(1)	2.3	(1)
RAZOR	2.4	.3	2.5	.3	1.9	.2
SOFT	29.4	2.4	27.6	2.2	32.7	2.5
SURF	102.4	1.8	116.4	2.3	93.4	1.6
MIXED	.2	(1)	.1	(1)	.1	(1)
TOTAL CLAMS	244.1	10.7	256.7	11.2	234.3	10.5
CONCHS	3.2	.1	3.4	.1	2.7	.1
MUSSELS:						
SEA	3.9	(1)	3.1	(1)	2.9	(1)
FRESH-WATER	24.2	.6	20.9	.4	12.5	.3
OYSTERS, MARKET	1,030.8	30.9	977.1	29.4	940.6	30.5
PERIWINKLES AND COCKLES	.1	(1)	.1	(1)	.1	(1)
SCALLOPS:						
BAY	10.4	1.0	18.9	1.5	18.3	1.2
SEA	165.0	10.8	173.2	10.2	156.9	9.2
TOTAL UNIVALVE AND BIVALVE MOLLUSKS	1,486.0	54.6	1,458.8	53.4	1,372.6	52.2
CRUSTACEANS	398.7	95.8	411.2	98.5	413.6	99.9
OTHER	25.1	1.5	21.3	1.6	16.1	1.5
TOTAL SHELLFISH, ETC.	1,909.8	151.9	1,891.3	153.5	1,802.3	153.6
WHALE PRODUCTS	5.1	.4	7.5	.6	10.6	.8
GRAND TOTAL	6,578.9	369.0	6,081.0	351.1	5,971.1	370.7

1/ LESS THAN 50,000 POUNDS OR $50,000.

2/ DATA ARE FOR 1950.

NOTE:--DOES NOT INCLUDE HAWAII.

WORLD LANDINGS OF FISH, CRUSTACEANS, MOLLUSKS, ETC., BY COUNTRIES, 1966

The 1966 world commercial landings of fish, crustaceans, mollusks, etc., was a record 125.2 billion pounds, according to the "Yearbook of Fishery Statistics, 1966" released by the Food and Agriculture Organization of the United Nations. The production was 8 percent more than the 1965 harvest of 115.5 billion pounds.

Six nations accounted for 57 percent of the world catch in 1966. Peru, with 15.5 percent, led for the fifth consecutive year followed by Japan with 12.5 percent; China (Mainland), 10.2 percent; the Union of Soviet Socialist Republics, 9.4 percent; Norway, 5.0 percent; and the United States, 4.5 percent.

The United States, long one of the world's leading producers of fishery products, was second only to Japan from the years prior to World War II until 1957. In that year, Mainland China moved into second place and the United States into third place. During the period from 1957 to 1960, Peru was developing its spectacular industrial "anchoveta" fishery and the Union of Soviet Socialist Republics was building its large ocean-going fishing fleet. By 1960, both Peru and the Union of Soviet Socialist Republics advanced as ranking fishery nations of the world and the United States dropped to fifth position. In 1966, Norway moved into fifth place and, for the first time, the United States was not listed among the five leading fishing countries of the world.

Asia accounted for 37 percent of the world catch, followed by Europe (20 percent); South America (20 percent); Union of Soviet Socialist Republics (9 percent); North America (8 percent); and Africa (6 percent). An insignificant percentage was taken in Oceania.

WORLD LANDINGS OF FISH, CRUSTACEANS, MOLLUSKS, ETC., BY COUNTRIES, 1966

(LIVE WEIGHT BASIS)

COUNTRY	BILLION POUNDS	PERCENT
PERU	19.38	15.5
JAPAN	15.60	12.5
CHINA (MAINLAND)	1/ 12.79	10.2
UNION OF SOVIET SOCIALIST REPUBLICS	11.79	9.4
NORWAY	6.28	5.0
UNITED STATES	2/ 5.61	4.5
CHILE	3.05	2.4
INDIA	3.02	2.4
SPAIN	2.99	2.4
CANADA	2.97	2.4
ICELAND	2.73	2.2
UNITED KINGDOM	2.35	1.9
REPUBLIC OF INDONESIA	2.21	1.8
DENMARK	1.88	1.5
FRANCE	1.77	1.4
REPUBLIC OF THE PHILIPPINES	1.60	1.3
THAILAND	1.56	1.2
REPUBLIC OF KOREA	1.55	1.2
FEDERAL REPUBLIC OF GERMANY	1.45	1.2
SOUTH WEST AFRICA	1.43	1.1
NORTH KOREA	1.32	1.0
REPUBLIC OF SOUTH AFRICA	1.17	.9
PORTUGAL	1.11	.9
CHINA (TAIWAN)	.94	.8
PAKISTAN	.91	.7
REPUBLIC OF VIET-NAM	.84	.7
BRAZIL	3/ .82	.7
BURMA	.79	.6
NETHERLANDS	.78	.6
POLAND	.74	.6
ITALY	.74	.6
SWEDEN	.69	.6
MOROCCO	.67	.5
MALAYSIA	.65	.5
NORTH VIET-NAM	4/ .64	.5
MEXICO	.63	.5
ANGOLA	3/ .57	.5
ARGENTINA	.55	.4
EASTERN GERMANY	3/ .51	.4
OTHER	8.14	6.5
TOTAL	125.22	100.0

1/ 1960 DATA.
2/ REVISED. (INCLUDES THE WEIGHT OF CLAM, OYSTER, SCALLOP, AND OTHER MOLLUSK SHELLS WHICH ARE NOT INCLUDED IN OTHER UNITED STATES CATCH STATISTICS.)
3/ 1965 DATA.
4/ 1962 DATA.
SOURCE:--YEARBOOK OF FISHERY STATISTICS, 1966, VOLUME 22, FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

U.S. FISHING VESSELS, 1966 - BY YEAR BUILT

Year built	Haul seines		Stop seines	Purse seines			
	Common	Long		Anchovy	Herring	Mackerel	Menhaden
	Number	Number	Number	Number	Number	Number	Number
1887........	-	-	1	-	-	-	-
1892........	-	-	-	-	-	-	1
1893........	-	-	-	-	-	-	1
1897........	-	-	-	-	-	-	1
1900........	-	-	-	-	-	-	1
1901........	-	-	-	-	-	-	1
1902........	-	-	-	-	-	-	1
1904........	-	-	-	-	-	-	1
1908........	-	-	-	-	-	1	-
1909........	-	-	-	1	-	1	1
1910........	-	-	-	-	-	-	-
1911........	-	-	-	-	-	-	1
1912........	1	-	-	-	-	-	1
1917........	-	-	-	1	-	1	-
1918........	-	-	-	1	-	1	-
1919........	-	-	-	-	-	-	1
1920........	-	-	-	-	-	-	1
1922........	-	-	1	-	-	-	-
1923........	1	-	-	-	-	-	1
1925........	-	1	-	1	1	1	-
1926........	-	-	-	1	-	1	-
1927........	1	-	-	-	2	-	1
1928........	1	-	1	2	-	-	-
1929........	1	-	1	1	-	1	-
1930........	-	1	-	1	-	-	1
1933........	1	2	-	-	-	-	-
1934........	2	-	1	-	-	-	-
1935........	1	-	1	3	1	4	-
1936........	3	-	1	-	-	1	-
1937........	2	-	-	3	1	8	-
1938........	-	1	-	-	-	-	-
1939........	2	-	1	2	-	3	-
1940........	3	-	1	3	1	3	-
1941........	2	-	-	-	-	-	2
1942........	2	-	1	1	-	1	7
1943........	3	1	1	-	1	1	14
1944........	4	-	-	8	3	11	13
1945........	3	-	-	1	2	5	2
1946........	8	2	-	2	2	2	3
1947........	5	1	3	6	1	2	2
1948........	8	-	1	3	1	1	2
1949........	3	-	2	2	4	3	4
1950........	6	-	1	2	-	1	5
1951........	2	-	-	1	2	1	1
1952........	2	-	1	1	1	2	1
1953........	1	-	1	2	-	3	5
1954........	2	1	-	1	-	2	6
1955........	1	-	-	-	1	-	11
1956........	4	-	-	-	-	-	10
1957........	1	-	-	1	2	1	8
1958........	-	-	-	1	-	1	3
1959........	3	-	-	-	-	1	3
1960........	4	-	-	-	-	-	10
1961........	-	-	-	1	1	-	-
1962........	1	-	-	-	-	-	5
1963........	1	-	-	-	3	-	3

(continued on next page)

U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Haul seines		Stop seines	Purse seines			
	Common	Long		Anchovy	Herring	Mackerel	Menhaden
	Number	Number	Number	Number	Number	Number	Number
1964.......	2	-	-	-	-	1	4
1965.......	2	-	-	-	-	-	9
1966.......	2	-	-	-	-	-	5
UNKNOWN....	2	-	-	-	-	-	-
TOTAL......	93	10	20	53	30	65	153

Year built	Purse seines - continued			Lampara and ring nets, squid	Bag nets	Butterfly nets	Beam trawls, shrimp
	Salmon	Tuna	Squid				
	Number	Number	Number	Number	Number	Number	Number
1907.......	1	-	1	-	-	-	-
1908.......	1	-	-	-	-	-	1
1910.......	2	-	1	-	-	-	1
1911.......	5	-	-	-	-	-	-
1912.......	12	-	-	-	-	-	1
1913.......	12	-	-	-	-	-	-
1914.......	9	-	-	-	-	-	1
1915.......	22	-	-	-	-	-	-
1916.......	4	-	-	-	-	-	1
1917.......	39	-	-	-	-	-	-
1918.......	6	-	-	-	-	-	-
1919.......	10	-	-	-	-	-	1
1920.......	16	-	-	-	-	-	-
1921.......	1	-	1	-	-	-	-
1922.......	-	-	-	-	-	-	2
1923.......	3	-	-	-	-	-	-
1924.......	3	-	1	-	-	1	-
1925.......	8	-	-	-	-	1	-
1926.......	11	-	-	-	-	-	-
1927.......	19	1	-	-	1	-	-
1928.......	5	-	-	-	-	-	-
1929.......	18	-	-	-	-	1	-
1930.......	12	-	-	-	-	1	-
1931.......	8	-	-	-	-	1	-
1934.......	4	-	-	-	1	-	-
1935.......	13	4	-	1	-	-	-
1936.......	11	1	-	-	-	-	-
1937.......	6	10	1	-	-	1	1
1938.......	13	2	-	-	-	3	1
1939.......	7	4	1	-	-	1	-
1940.......	3	5	-	-	-	-	-
1941.......	14	1	1	-	-	-	-
1942.......	15	3	1	-	-	-	-
1943.......	10	1	-	-	-	1	-
1944.......	23	21	1	1	-	1	2
1945.......	21	23	-	1	-	1	1
1946.......	43	14	-	-	1	-	-
1947.......	38	10	-	-	2	-	-
1948.......	25	4	-	-	-	-	1
1949.......	50	5	-	-	-	-	-
1950.......	40	2	-	-	-	1	2

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U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Purse seines - continued			Lampara and ring nets, squid	Bag nets	Butterfly nets	Beam trawls, shrimp
	Salmon	Tuna	Squid				
	Number	Number	Number	Number	Number	Number	Number
1951.......	42	10	-	-	-	-	-
1952.......	19	1	-	-	-	-	-
1953.......	10	2	-	-	-	1	-
1954.......	1	3	1	-	-	-	-
1955.......	15	3	1	-	-	-	-
1956.......	27	2	-	1	-	-	1
1957.......	24	3	1	-	-	-	-
1958.......	18	2	-	-	-	1	-
1959.......	11	3	-	-	-	-	-
1960.......	10	-	-	-	-	-	-
1961.......	10	2	-	-	-	-	-
1962.......	28	-	-	-	-	-	1
1963.......	30	-	-	-	-	-	-
1964.......	31	1	-	-	-	2	-
1965.......	20	1	-	-	-	2	-
1966.......	5	1	-	-	-	-	-
UNKNOWN....	1	-	-	-	-	-	-
TOTAL......	865	145	12	4	5	20	18

Year built	Otter trawls					Mid-water trawls	Pound nets
	Crab	Fish	Lobster	Scallop	Shrimp		
	Number	Number	Number	Number	Number	Number	Number
1875.......	-	1	-	-	-	-	-
1887.......	-	2	-	-	-	-	-
1888.......	-	-	-	-	1	-	-
1891.......	-	-	-	-	1	-	-
1896.......	-	-	-	-	1	-	1
1898.......	-	-	-	-	1	-	-
1899.......	-	-	-	-	1	-	-
1900.......	-	1	-	-	3	-	-
1901.......	1	1	-	-	3	-	-
1902.......	-	2	-	-	-	-	-
1903.......	-	2	-	-	2	-	1
1904.......	-	1	-	-	2	-	-
1905.......	-	-	-	-	1	-	2
1906.......	-	-	-	-	-	-	1
1907.......	-	4	-	-	1	-	-
1908.......	-	2	-	-	-	-	-
1909.......	-	3	-	-	3	-	1
1910.......	-	1	-	-	2	-	-
1911.......	1	6	-	-	4	-	1
1912.......	-	4	-	-	-	-	-
1913.......	1	5	-	1	1	-	1
1914.......	-	8	-	-	1	-	-
1915.......	1	10	-	-	6	-	1
1916.......	-	2	-	-	2	-	-
1917.......	-	17	1	-	7	-	-
1918.......	-	10	1	-	5	-	-
1919.......	-	5	-	-	2	-	-
1920.......	-	8	1	-	6	2	1

(continued on next page)

U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Otter trawls					Mid-water trawls	Pound nets
	Crab	Fish	Lobster	Scallop	Shrimp		
	Number	Number	Number	Number	Number	Number	Number
1921........	1	5	-	-	5	-	-
1922........	2	4	-	-	3	-	2
1923........	-	4	-	-	10	-	2
1924........	1	16	-	-	15	-	-
1925........	-	16	1	-	17	-	3
1926........	1	20	-	-	17	-	1
1927........	1	23	1	-	16	-	-
1928........	1	28	4	-	17	-	2
1929........	2	26	2	-	18	-	3
1930........	4	29	-	-	24	-	1
1931........	4	15	2	-	18	-	2
1932........	2	6	-	-	11	-	1
1933........	3	4	-	-	11	-	-
1934........	2	10	-	-	12	-	1
1935........	2	7	-	-	20	-	2
1936........	2	20	1	-	37	-	3
1937........	2	22	-	-	50	1	4
1938........	5	20	3	-	45	-	6
1939........	6	21	-	-	37	1	4
1940........	1	18	1	-	30	-	2
1941........	3	35	3	-	39	-	2
1942........	3	43	3	-	45	1	2
1943........	1	45	3	-	49	3	-
1944........	7	68	8	1	105	1	3
1945........	10	80	6	-	93	1	2
1946........	15	101	8	-	148	-	11
1947........	13	55	5	-	156	-	7
1948........	11	32	-	-	163	-	7
1949........	15	29	2	1	116	-	6
1950........	-	23	1	-	90	-	5
1951........	2	23	2	-	112	-	4
1952........	4	23	2	-	114	1	2
1953........	2	18	2	-	208	-	5
1954........	12	25	-	3	211	-	3
1955........	6	17	-	1	85	-	4
1956........	5	29	3	3	133	-	4
1957........	3	19	4	3	193	-	1
1958........	2	17	1	3	258	-	5
1959........	3	11	5	1	122	-	5
1960........	2	6	2	-	51	-	1
1961........	3	13	1	-	77	-	2
1962........	3	9	2	-	68	-	1
1963........	2	15	3	-	141	-	1
1964........	2	13	3	1	132	-	-
1965........	1	23	-	1	172	-	1
1966........	-	19	-	1	172	-	-
UNKNOWN.....	2	10	-	-	20	-	4
TOTAL.......	178	1,210	87	20	3,742	11	137

(continued on next page)

U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Trap nets	Floating traps, shallow	Fyke and hook nets, fish	Pots and traps				
				Conch	Crab			
					Blue	Dungeness	King	Other
	Number	Number	Number	Number	Number	Number	Number	Number
1900.......	-	-	-	-	1	-	-	-
1906.......	-	-	-	-	1	-	-	-
1907.......	-	-	-	-	-	4	-	-
1910.......	-	-	-	-	-	2	2	-
1911.......	-	-	-	-	1	1	1	-
1912.......	-	-	-	-	-	3	5	-
1913.......	-	-	-	-	-	2	2	-
1914.......	-	-	-	-	2	-	2	-
1915.......	-	-	-	-	-	3	4	-
1917.......	-	-	-	-	-	11	3	-
1918.......	-	-	-	-	-	5	4	-
1919.......	-	-	-	-	-	4	2	-
1920.......	-	-	-	-	-	4	2	-
1921.......	-	-	-	-	1	6	1	-
1922.......	-	-	-	-	1	1	-	-
1923.......	-	-	-	-	3	2	3	1
1924.......	-	-	-	-	1	3	2	-
1925.......	-	-	-	-	-	6	5	-
1926.......	-	2	-	-	-	10	4	-
1927.......	-	-	-	-	1	12	11	-
1928.......	-	-	-	-	3	6	1	-
1929.......	-	-	-	-	1	7	4	-
1930.......	1	-	-	-	-	7	10	-
1931.......	-	-	-	-	3	1	2	-
1932.......	1	-	-	-	2	1	-	-
1933.......	-	-	-	-	2	1	-	-
1934.......	1	-	-	-	5	1	2	-
1935.......	1	-	-	-	5	4	5	-
1936.......	1	-	-	-	7	3	3	-
1937.......	-	-	-	-	10	2	9	-
1938.......	-	-	-	-	9	7	3	1
1939.......	-	1	-	-	3	6	5	-
1940.......	1	-	-	-	12	11	5	1
1941.......	1	-	-	-	3	15	8	-
1942.......	-	-	-	-	3	19	10	-
1943.......	-	-	-	-	4	14	17	1
1944.......	3	-	-	-	5	11	11	1
1945.......	3	-	-	-	16	25	20	1
1946.......	3	-	-	-	10	30	13	-
1947.......	4	-	1	-	12	31	9	-
1948.......	14	-	1	1	19	21	6	-
1949.......	4	1	1	-	18	19	10	-
1950.......	1	1	-	-	13	11	3	-
1951.......	5	-	-	-	9	9	7	-
1952.......	5	-	-	-	20	7	1	-
1953.......	3	-	-	-	19	3	-	-
1954.......	3	-	-	-	22	9	-	-
1955.......	3	-	-	-	10	8	2	-
1956.......	3	-	-	-	26	7	3	-
1957.......	2	-	-	-	13	-	4	-
1958.......	1	-	-	-	12	9	5	1
1959.......	1	-	-	-	16	4	3	-
1960.......	-	-	-	-	18	4	4	-
1961.......	-	1	1	-	8	5	9	2

(continued on next page)

U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Trap nets	Floating traps, shallow	Fyke and hook nets, fish	Pots and traps					
				Conch	Crab				
					Blue	Dungeness	King	Other	
	Number	Number	Number	Number	Number	Number	Number	Number	
1962.......	-	1	-	-	6	1	4	-	
1963.......	-	1	-	-	5	4	9	-	
1964.......	-	1	1	-	7	8	5	-	
1965.......	1	1	-	-	15	6	7	-	
1966.......	-	-	1	-	7	2	2	-	
UNKNOWN....	-	-	-	-	5	3	-	-	
TOTAL......	66	10	6	1	395	421	274	9	

Year built	Pots and traps - continued					
	Eel	Fish	Lobster	Spiny lobster	Octopus	Shrimp
	Number	Number	Number	Number	Number	Number
1896.......	-	1	-	-	-	-
1903.......	-	-	-	1	-	-
1909.......	-	-	1	-	-	-
1910.......	-	-	1	-	-	-
1911.......	-	-	-	1	-	-
1915.......	-	-	1	1	-	-
1916.......	-	-	-	1	-	-
1918.......	-	-	-	1	-	-
1919.......	-	-	1	-	-	-
1921.......	-	-	-	1	-	-
1923.......	1	-	-	-	-	-
1924.......	-	-	-	2	-	-
1926.......	-	-	1	2	1	-
1927.......	-	-	1	-	-	-
1928.......	-	-	-	1	-	-
1929.......	-	1	-	3	-	-
1930.......	-	-	1	4	-	-
1931.......	-	-	1	1	-	-
1932.......	-	1	3	1	-	-
1933.......	-	-	1	1	-	-
1934.......	-	1	2	1	-	-
1935.......	-	1	-	2	-	-
1936.......	-	2	5	3	1	-
1937.......	-	1	-	-	-	-
1938.......	-	1	1	2	-	-
1939.......	-	1	4	1	-	-
1940.......	-	-	2	4	-	-
1941.......	-	-	3	5	-	-
1942.......	-	1	-	4	-	-
1943.......	-	-	2	3	-	-
1944.......	-	-	-	3	-	-
1945.......	-	2	1	5	1	-
1946.......	-	6	1	8	1	-
1947.......	-	4	3	9	-	-
1948.......	-	4	2	4	-	-
1949.......	-	5	2	4	-	-
1950.......	-	3	1	2	-	-

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U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Pots and traps - continued					
	Eel	Fish	Lobster	Spiny lobster	Octopus	Shrimp
	Number	Number	Number	Number	Number	Number
1951.......	1	4	-	-	-	-
1952.......	-	3	3	-	-	-
1953.......	1	4	3	4	-	1
1954.......	-	1	1	2	-	-
1955.......	-	1	-	7	-	-
1956.......	-	2	-	2	-	-
1957.......	-	-	1	4	-	-
1958.......	-	2	1	6	-	-
1959.......	1	1	1	5	-	-
1960.......	-	1	1	5	-	-
1961.......	-	-	2	1	-	-
1962.......	-	1	-	4	-	-
1963.......	-	4	1	7	-	-
1964.......	-	1	-	3	-	1
1965.......	-	1	1	8	-	1
1966.......	-	-	-	9	-	-
UNKNOWN....	-	-	-	5	-	-
TOTAL......	4	61	56	153	4	3

Year built	Gill nets						
	Anchor, set or stake		Drift				
	Salmon	Other	Barracuda	Salmon	Seabass	Shad	Other
	Number	Number	Number	Number	Number	Number	Number
1905.......	-	1	-	-	-	-	-
1906.......	-	-	-	-	-	-	1
1907.......	-	-	-	1	-	-	-
1909.......	-	-	-	-	1	-	1
1910.......	-	1	-	-	-	-	-
1911.......	-	-	-	1	-	-	-
1912.......	-	-	-	1	-	-	-
1914.......	-	-	-	1	-	-	-
1915.......	-	1	-	2	-	-	1
1916.......	-	-	-	4	-	-	-
1917.......	-	-	1	3	1	-	-
1918.......	-	-	-	5	-	-	-
1919.......	-	-	-	3	-	-	-
1920.......	1	1	-	2	-	-	-
1921.......	-	-	-	2	1	-	-
1922.......	-	1	-	-	-	-	-
1923.......	-	2	-	3	-	-	1
1924.......	-	-	-	3	-	-	-
1925.......	-	3	-	1	-	-	-
1926.......	-	1	-	-	1	-	2
1927.......	-	5	-	8	-	-	-
1928.......	-	-	-	7	-	-	1
1929.......	-	-	1	7	-	-	1
1930.......	1	1	-	12	-	-	-
1931.......	-	2	-	5	-	-	-
1932.......	-	3	-	1	-	-	1

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U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Gill nets - continued						
	Anchor, set or stake		Drift				
	Salmon	Other	Barracuda	Salmon	Seabass	Shad	Other
	Number	Number	Number	Number	Number	Number	Number
1933........	-	-	-	-	-	-	1
1934........	-	2	-	-	-	-	2
1935........	-	3	-	1	-	-	1
1936........	-	3	-	3	-	-	3
1937........	-	3	-	-	-	-	2
1938........	-	-	-	8	-	-	2
1939........	1	2	-	7	-	-	2
1940........	1	4	-	11	2	-	8
1941........	-	3	-	9	-	-	2
1942........	-	4	-	12	-	-	2
1943........	2	3	-	10	-	-	1
1944........	1	6	-	10	2	-	2
1945........	-	4	1	16	3	-	7
1946........	4	8	1	13	4	1	8
1947........	2	6	-	19	2	-	1
1948........	-	12	-	13	1	1	9
1949........	1	4	-	25	3	-	2
1950........	3	10	-	13	-	-	8
1951........	-	6	-	48	1	-	5
1952........	4	5	-	109	2	1	3
1953........	1	6	-	52	1	-	6
1954........	-	8	-	19	-	-	5
1955........	-	4	-	48	-	-	5
1956........	-	5	-	18	-	-	9
1957........	1	9	1	19	-	-	6
1958........	-	7	-	14	-	1	3
1959........	1	13	-	21	-	-	10
1960........	1	7	-	19	1	-	4
1961........	-	3	-	32	-	-	8
1962........	-	2	-	25	-	-	3
1963........	1	1	-	30	1	-	2
1964........	1	4	-	22	2	-	1
1965........	1	4	-	31	2	-	3
1966........	-	2	-	12	2	-	1
UNKNOWN.....	-	1	-	6	-	-	1
TOTAL.......	28	186	5	767	33	4	147

Year built	Gill nets - continued					Trammel nets	Lines
	Runaround	Great Lakes					Hand, albacore
		$1\frac{1}{4}$"-2"	$2\frac{1}{8}$"-$3\frac{7}{8}$"	4"-7"	7"-14"		
	Number	Number	Number	Number	Number	Number	Number
1888........	-	-	-	-	-	-	1
1909........	1	-	-	-	-	-	-
1911........	-	-	1	1	-	-	-
1912........	1	-	-	-	-	-	-
1913........	-	1	1	-	-	-	-
1914........	-	-	1	-	-	-	-
1916........	-	-	-	1	-	-	1
1917........	-	-	-	-	-	-	1

(continued on next page)

U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Gill nets - continued					Trammel nets	Lines
	Runaround	Great Lakes					Hand, albacore
		1$\frac{1}{4}$"-2"	2$\frac{1}{8}$"-3$\frac{7}{8}$"	4"-7"	7"-14"		
	Number	Number	Number	Number	Number	Number	Number
1918.......	-	-	-	1	-	-	2
1920.......	-	-	-	-	-	-	2
1921.......	-	-	2	-	-	-	-
1923.......	-	-	1	-	-	-	1
1924.......	-	1	1	-	-	-	3
1925.......	-	-	1	-	-	-	1
1926.......	-	-	4	2	-	-	2
1927.......	1	-	2	1	-	-	-
1928.......	-	-	1	-	-	1	-
1929.......	-	-	5	3	-	-	-
1930.......	-	-	4	2	-	-	2
1931.......	-	-	2	-	-	-	-
1932.......	-	-	2	2	-	1	-
1933.......	-	-	4	3	-	-	-
1934.......	-	-	8	3	-	-	-
1935.......	1	3	9	3	-	-	3
1936.......	3	1	14	8	-	1	2
1937.......	-	-	12	8	-	2	5
1938.......	3	-	12	9	-	-	-
1939.......	5	-	3	4	-	3	2
1940.......	4	-	7	5	-	-	-
1941.......	1	2	5	6	-	-	2
1942.......	3	-	4	2	1	-	2
1943.......	1	-	4	3	-	2	3
1944.......	4	-	10	5	-	1	4
1945.......	4	-	24	14	1	-	9
1946.......	3	6	21	15	-	2	18
1947.......	7	1	19	14	-	2	5
1948.......	2	-	11	9	-	4	7
1949.......	3	-	2	2	-	-	8
1950.......	4	-	9	8	-	2	3
1951.......	2	-	2	-	-	-	7
1952.......	4	-	3	2	-	-	-
1953.......	5	-	-	-	-	1	2
1954.......	2	-	2	-	1	1	3
1955.......	2	-	2	-	-	-	-
1956.......	1	-	2	-	1	1	1
1957.......	1	-	1	-	-	-	3
1958.......	5	-	7	4	-	-	3
1959.......	5	1	4	2	-	-	1
1960.......	5	-	1	1	-	1	4
1961.......	5	-	-	-	-	2	1
1962.......	3	-	-	-	-	-	3
1963.......	6	-	1	1	-	1	-
1964.......	2	-	-	-	-	-	3
1965.......	3	-	-	-	-	-	10
1966.......	4	-	-	-	-	-	4
UNKNOWN....	1	-	-	-	-	2	1
TOTAL......	107	16	231	144	4	30	135

(continued on next page)

U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Lines - continued						
	Hand - continued			Troll			Long or set with hooks
	Rockfish	Yellowtra	Other	Salmon	Tuna	Other	
	Number	Number	Number	Number	Number	Number	Number
1865.......	-	-	1	-	-	-	-
1887.......	1	-	-	-	1	-	-
1893.......	-	-	-	1	1	-	-
1894.......	-	-	-	1	-	-	-
1902.......	-	-	-	1	-	-	-
1903.......	-	-	-	2	1	-	-
1904.......	-	-	-	1	-	-	-
1905.......	-	-	-	2	-	-	-
1906.......	-	-	-	2	-	-	-
1907.......	-	-	-	7	2	-	1
1908.......	-	-	-	5	2	-	2
1909.......	-	-	-	8	2	-	1
1910.......	1	-	1	4	1	-	-
1911.......	-	-	-	9	2	-	4
1912.......	-	-	1	14	6	-	4
1913.......	-	-	1	17	5	-	11
1914.......	1	-	-	17	8	-	5
1915.......	1	-	1	13	9	-	5
1916.......	-	-	-	13	5	-	2
1917.......	1	-	1	33	18	-	7
1918.......	2	1	3	46	12	1	4
1919.......	1	-	-	32	3	2	2
1920.......	-	2	1	49	19	1	7
1921.......	-	-	1	18	7	1	1
1922.......	1	-	1	13	3	-	1
1923.......	-	-	3	7	5	-	5
1924.......	-	1	5	22	14	-	10
1925.......	1	1	4	40	17	1	10
1926.......	-	1	2	52	26	1	6
1927.......	1	-	4	57	23	1	11
1928.......	1	-	9	90	31	2	14
1929.......	-	-	6	51	23	-	14
1930.......	-	1	8	45	13	-	5
1931.......	3	-	7	23	8	1	4
1932.......	-	-	4	15	3	-	1
1933.......	1	-	3	14	2	1	-
1934.......	-	-	2	19	3	2	5
1935.......	-	1	4	36	13	-	11
1936.......	2	2	9	32	16	4	5
1937.......	1	5	7	22	6	2	7
1938.......	3	-	16	41	19	2	8
1939.......	2	-	6	61	33	1	10
1940.......	4	-	12	55	37	3	6
1941.......	2	2	7	62	33	1	10
1942.......	3	1	8	80	45	2	9
1943.......	7	1	11	82	34	5	6
1944.......	16	2	9	115	75	1	6
1945.......	12	3	18	107	95	2	17
1946.......	12	9	21	104	98	6	22
1947.......	7	2	24	121	85	9	11
1948.......	4	2	20	92	62	5	10
1949.......	1	2	17	62	41	2	11
1950.......	4	1	15	51	28	7	20
1951.......	1	3	12	44	30	2	9

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U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Lines - continued						
	Hand - continued			Troll			Long or set with hooks
	Rockfish	Yellowtra	Other	Salmon	Tuna	Other	
	Number	Number	Number	Number	Number	Number	Number
1952.......	2	-	15	30	17	1	4
1953.......	6	-	12	33	16	2	9
1954.......	3	2	8	23	18	5	3
1955.......	-	-	9	22	7	3	6
1956.......	-	-	11	18	11	2	1
1957.......	5	2	13	18	11	2	4
1958.......	3	1	23	18	7	6	4
1959.......	-	1	14	17	11	5	5
1960.......	1	-	21	18	10	6	2
1961.......	-	-	15	12	9	1	3
1962.......	2	2	18	17	11	2	5
1963.......	3	1	17	22	13	7	3
1964.......	1	2	21	30	26	7	13
1965.......	3	5	24	21	16	3	4
1966.......	2	4	12	14	14	6	1
UNKNOWN....	7	-	8	34	16	2	1
TOTAL......	135	63	526	2,257	1,238	128	388

Year built	Lines - continued	Dip nets common	Brail or scoop nets	Lift nets	Harpoons		
	Trot with baits				Swordfish	Whales	Other
	Number	Number	Number	Number	Number	Number	Number
1900.......	1	-	-	-	-	-	-
1910.......	-	-	1	-	-	-	-
1916.......	-	-	-	-	1	-	-
1917.......	-	-	1	-	1	-	-
1918.......	-	-	1	-	-	-	-
1922.......	-	-	-	-	1	-	-
1924.......	1	-	1	-	-	-	-
1925.......	1	-	-	-	-	-	-
1927.......	1	-	1	-	-	-	-
1928.......	1	-	-	-	1	-	-
1929.......	-	-	-	-	1	-	-
1931.......	1	-	-	-	-	-	-
1932.......	1	-	-	-	1	-	-
1933.......	1	-	-	-	-	-	-
1934.......	1	-	1	-	-	-	-
1935.......	1	-	-	-	-	-	-
1937.......	2	-	-	-	-	-	-
1938.......	1	-	-	-	-	-	-
1939.......	4	-	-	-	-	-	-
1940.......	1	-	-	-	-	-	-
1942.......	2	-	-	-	-	1	-
1943.......	1	1	-	-	-	2	-
1944.......	4	-	1	1	2	2	-
1945.......	1	-	2	-	3	-	-
1946.......	6	-	1	-	3	-	-
1947.......	3	-	2	-	5	-	-

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U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Lines - continued	Dip nets, common	Brail or scoop nets	Lift nets	Harpoons		
	Trot with baits				Swordfish	Whales	Other
	Number	Number	Number	Number	Number	Number	Number
1948.......	5	-	1	-	2	-	-
1949.......	4	-	1	-	1	-	1
1950.......	5	-	1	-	1	-	-
1951.......	1	1	-	-	-	-	-
1952.......	3	-	1	-	1	-	-
1953.......	2	1	-	-	-	-	-
1954.......	1	-	-	-	1	-	-
1955.......	1	-	-	-	1	-	-
1956.......	8	-	-	-	1	-	-
1957.......	4	-	-	-	-	-	-
1958.......	2	-	-	-	-	-	-
1959.......	3	-	1	-	1	-	-
1960.......	4	-	1	-	-	-	-
1961.......	6	-	-	-	-	-	-
1962.......	1	-	-	-	1	-	-
1963.......	1	-	-	-	-	-	-
1964.......	2	-	-	-	2	-	-
1965.......	2	-	-	-	-	-	-
1966.......	2	-	-	-	-	-	-
UNKNOWN....	-	1	-	-	2	-	-
TOTAL......	92	4	18	1	33	5	1

Year built	Scrapes	Dredges					
		Clam	Conch	Crab	Mussel	Oyster	
						Common	Suction
	Number	Number	Number	Number	Number	Number	Number
1860.......	-	1	-	-	-	-	-
1866.......	-	1	-	-	-	-	-
1870.......	-	-	1	1	-	-	-
1872.......	-	1	-	-	-	-	-
1873.......	-	1	-	-	-	-	-
1876.......	-	1	-	-	-	-	-
1880.......	-	1	-	-	-	-	-
1883.......	-	-	-	2	-	-	-
1884.......	-	1	-	-	-	2	-
1886.......	-	-	-	-	-	2	-
1887.......	-	1	-	2	-	1	-
1888.......	-	1	-	-	-	-	-
1889.......	-	-	-	1	-	-	-
1890.......	-	-	-	-	-	1	-
1891.......	-	-	-	-	-	2	-
1893.......	-	-	-	3	-	1	-
1896.......	-	-	-	1	-	2	-
1898.......	-	-	-	-	-	2	-
1900.......	-	1	-	-	-	4	-
1901.......	-	3	1	2	-	7	-
1902.......	-	2	-	-	-	3	-
1903.......	-	1	-	1	-	6	-

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U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Scrapes	Dredges - continued					
		Clam	Conch	Crab	Mussel	Oyster	
						Common	Suction
	Number	Number	Number	Number	Number	Number	Number
1904.......	-	1	-	2	-	4	-
1905.......	-	3	-	1	-	10	-
1906.......	-	6	-	1	-	7	-
1907.......	-	1	-	-	-	5	-
1908.......	-	-	-	-	-	4	-
1909.......	-	1	-	2	-	3	-
1910.......	-	3	-	-	-	5	-
1911.......	-	1	-	2	-	6	-
1912.......	-	-	1	3	-	2	-
1913.......	-	2	1	8	-	4	-
1914.......	-	1	-	-	-	4	-
1915.......	-	-	-	2	-	3	-
1916.......	-	2	1	2	-	2	-
1917.......	-	-	-	2	-	5	-
1918.......	-	-	1	2	-	3	-
1919.......	-	2	-	1	-	1	-
1920.......	-	1	1	4	-	3	-
1921.......	-	2	-	1	-	1	-
1922.......	-	2	3	6	-	6	-
1923.......	-	2	2	4	-	3	-
1924.......	-	7	2	6	-	17	-
1925.......	-	4	-	9	-	7	-
1926.......	-	5	-	7	-	8	-
1927.......	-	2	-	3	-	4	-
1928.......	-	3	1	6	-	10	-
1929.......	-	4	-	3	-	11	-
1930.......	-	3	1	4	-	6	-
1931.......	-	1	-	2	-	8	-
1932.......	-	-	1	1	1	4	-
1933.......	-	1	-	1	-	3	-
1934.......	-	3	-	-	-	6	-
1935.......	-	1	-	3	-	14	-
1936.......	-	3	-	2	-	19	-
1937.......	-	2	-	1	-	17	-
1938.......	-	2	1	3	-	17	-
1939.......	-	5	-	1	-	14	-
1940.......	-	5	-	2	-	12	-
1941.......	-	1	-	1	-	13	-
1942.......	-	10	1	1	-	7	-
1943.......	-	9	-	5	-	13	-
1944.......	-	5	-	-	-	17	-
1945.......	-	15	2	1	-	23	-
1946.......	-	11	1	7	-	31	-
1947.......	-	9	-	3	1	21	-
1948.......	-	5	-	2	-	31	-
1949.......	-	6	1	4	-	23	-
1950.......	-	5	-	1	-	12	-
1951.......	-	2	1	4	-	4	-
1952.......	-	6	1	3	-	13	-
1953.......	-	5	-	4	-	11	-
1954.......	1	5	-	2	-	17	-
1955.......	-	-	-	3	-	16	-
1956.......	-	15	-	-	-	16	1
1957.......	-	13	-	1	-	16	-

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U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Scrapes	Dredges - continued					
		Clam	Conch	Crab	Mussel	Oyster	
						Common	Suction
	Number	Number	Number	Number	Number	Number	Number
1958.......	-	6	-	-	-	15	-
1959.......	-	3	1	3	1	10	-
1960.......	-	6	-	1	-	15	-
1961.......	-	2	-	3	-	13	-
1962.......	-	2	-	-	-	15	-
1963.......	-	4	-	2	-	30	-
1964.......	-	5	-	-	-	19	-
1965.......	-	1	-	-	-	19	-
1966.......	-	3	-	-	-	5	-
UNKNOWN....	-	-	-	3	-	4	1
TOTAL......	1	251	26	164	3	720	2

Year built	Dredges - continued	Tongs		Hooks, sponges	Diving outfits	
	Scallop	Oyster	Other		Abalone	Sponges
	Number	Number	Number	Number	Number	Number
1875.......	1	-	-	-	-	-
1898.......	-	1	-	-	-	-
1899.......	-	1	-	-	-	-
1900.......	-	2	-	-	-	-
1903.......	-	1	-	-	-	-
1910.......	-	1	1	-	-	-
1912.......	-	3	-	-	-	-
1914.......	-	2	-	-	-	-
1915.......	-	1	-	-	-	-
1917.......	2	-	-	-	-	-
1918.......	3	1	-	-	-	-
1919.......	1	1	-	-	-	-
1920.......	-	2	-	-	-	-
1921.......	-	1	-	-	-	-
1922.......	-	1	-	-	-	-
1923.......	-	3	-	-	-	-
1924.......	-	4	-	-	-	-
1925.......	-	2	-	-	1	1
1926.......	-	3	1	-	-	2
1927.......	-	3	1	-	-	-
1928.......	1	2	1	-	-	-
1929.......	-	-	-	-	-	1
1930.......	3	1	-	-	-	-
1931.......	-	4	1	-	-	-
1932.......	-	4	-	-	-	-
1933.......	-	1	1	1	1	-
1934.......	-	12	1	-	-	1
1935.......	-	9	1	-	-	1
1936.......	3	9	4	-	-	1
1937.......	1	8	-	-	-	-
1938.......	2	11	1	-	-	1
1939.......	3	8	-	-	-	-

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U.S. FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Dredges - continued	Tongs		Hooks, sponges	Diving outfits	
	Scallop	Oyster	Other		Abalone	Sponges
	Number	Number	Number	Number	Number	Number
1940.......	3	16	2	-	-	-
1941.......	5	7	1	-	-	1
1942.......	5	7	1	-	-	-
1943.......	4	7	2	-	-	-
1944.......	7	14	1	-	3	-
1945.......	7	21	4	-	5	-
1946.......	3	29	6	-	-	-
1947.......	5	21	5	-	3	-
1948.......	-	29	3	-	1	-
1949.......	-	19	4	-	-	-
1950.......	-	17	2	1	1	-
1951.......	2	10	1	-	-	-
1952.......	-	14	4	1	-	-
1953.......	-	16	4	-	-	-
1954.......	1	16	6	-	-	-
1955.......	1	18	1	-	-	-
1956.......	2	42	3	-	-	-
1957.......	4	28	8	-	2	-
1958.......	1	19	5	-	-	-
1959.......	2	33	6	-	-	-
1960.......	2	21	1	-	-	-
1961.......	-	17	2	-	1	-
1962.......	3	8	3	-	-	1
1963.......	1	19	1	-	1	-
1964.......	1	13	-	-	-	1
1965.......	2	13	4	-	1	-
1966.......	4	10	-	-	1	-
UNKNOWN....	-	10	2	1	-	-
TOTAL......	85	596	95	4	21	11

NEW ENGLAND FISHING VESSELS, 1966 - BY YEAR BUILT

Year built	Stop seines	Purse seines				Otter trawls		
		Herring	Mackerel	Tuna	Other	Fish	Lobster	Shrimp
	Number	Number	Number	Number	Number	Number	Number	Number
1875.......	-	-	-	-	-	1	-	-
1887.......	1	-	-	-	-	1	-	-
1903.......	-	-	-	-	-	2	-	-
1904.......	-	-	-	-	-	1	-	-
1907.......	-	-	-	-	-	1	-	-
1910.......	-	-	-	-	-	1	-	-
1914.......	-	-	-	-	-	3	-	1
1917.......	-	-	-	-	-	8	1	1
1918.......	-	-	-	-	-	5	1	1
1920.......	-	-	-	-	-	1	-	-
1921.......	-	-	-	-	-	2	-	1
1922.......	1	-	-	-	-	2	-	-
1923.......	-	-	-	-	-	1	-	-
1924.......	-	-	-	-	-	8	-	-
1925.......	-	-	-	-	-	10	1	-
1926.......	-	-	-	-	-	9	-	1
1927.......	-	-	-	-	-	4	1	-
1928.......	1	-	-	-	-	14	4	-
1929.......	1	-	-	-	-	14	1	-
1930.......	-	-	-	-	-	9	-	1
1931.......	-	-	-	-	-	9	1	1
1932.......	-	-	-	-	-	4	-	-
1933.......	-	-	-	-	-	3	-	-
1934.......	1	-	-	-	-	5	-	1
1935.......	1	-	-	-	-	1	-	-
1936.......	1	-	-	-	-	4	1	2
1937.......	-	-	-	1	1	13	-	1
1938.......	-	-	-	-	-	8	3	-
1939.......	1	-	-	1	1	[illegible]	-	-
1940.......	1	-	-	-	-	11	1	1
1941.......	-	-	-	-	1	22	2	-
1942.......	1	-	1	1	-	18	-	-
1943.......	1	-	-	-	-	22	2	1
1944.......	-	-	-	-	1	43	6	2
1945.......	-	1	1	1	-	41	3	-
1946.......	-	-	-	-	-	40	4	-
1947.......	3	-	-	-	-	28	2	1
1948.......	1	-	-	-	-	13	-	2
1949.......	2	-	-	-	-	13	2	4
1950.......	1	-	-	-	-	7	1	1
1951.......	-	-	-	-	-	11	1	1
1952.......	1	1	-	-	-	17	2	3
1953.......	1	-	-	-	-	9	1	5
1954.......	-	-	2	1	1	5	-	-
1955.......	-	-	-	-	-	6	-	-
1956.......	-	-	-	-	-	8	1	1
1957.......	-	-	-	-	-	4	-	-
1958.......	-	-	-	-	-	3	1	-
1959.......	-	-	-	-	-	4	3	-
1960.......	-	-	-	-	-	2	1	-
1961.......	-	1	-	1	-	8	1	-
1962.......	-	-	-	-	-	5	2	-
1963.......	-	1	-	-	-	11	1	1
1964.......	-	-	-	-	-	8	2	-
1965.......	-	-	-	-	-	8	-	-
1966.......	-	-	-	-	-	7	-	-
UNKNOWN....	-	-	-	-	-	1	-	-
TOTAL......	20	4	4	6	5	531	53	34

(continued on next page)

NEW ENGLAND FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Pound nets	Floating traps	Pots and traps			Gill nets		Lines
			Conch	Lobster	Other	Anchor, set or stake	Drift	Hand
	Number	Number	Number	Number	Number	Number	Number	Number
1910.......	-	-	-	1	-	-	-	-
1915.......	-	-	-	1	-	-	-	-
1920.......	-	-	-	-	-	-	-	1
1925.......	-	-	-	-	-	2	-	-
1926.......	-	2	-	-	-	-	-	-
1927.......	-	-	-	1	-	1	-	-
1930.......	-	-	-	-	-	1	-	1
1931.......	-	-	-	1	-	-	-	1
1932.......	-	-	-	3	-	-	-	-
1933.......	-	-	-	1	-	-	-	-
1934.......	-	-	-	2	-	-	-	-
1936.......	-	-	-	5	-	-	-	1
1938.......	1	-	-	1	-	-	-	-
1939.......	-	1	-	3	-	-	-	1
1940.......	-	-	-	2	-	-	-	-
1941.......	-	-	-	1	-	-	-	-
1943.......	-	-	-	1	-	-	-	-
1945.......	-	-	-	1	-	-	1	-
1946.......	-	-	-	1	-	-	-	-
1947.......	-	-	-	2	-	-	-	1
1948.......	-	-	1	2	-	-	-	-
1949.......	-	1	-	2	-	-	-	1
1950.......	-	1	-	1	-	-	1	1
1952.......	-	-	-	2	-	-	-	-
1953.......	-	-	-	1	-	-	-	1
1956.......	-	-	-	-	-	-	-	-
1958.......	-	-	-	1	-	-	-	2
1959.......	-	-	-	1	-	-	-	-
1960.......	-	-	-	1	-	-	-	1
1961.......	-	1	-	1	1	-	-	-
1962.......	-	1	-	-	-	-	-	-
1963.......	-	1	-	-	-	-	-	-
1964.......	-	1	-	-	-	-	-	-
1965.......	-	1	-	1	-	-	-	-
TOTAL......	1	10	1	40	1	4	2	12

Year built	Lines - continued		Harpoons		Dredges			
	Troll	Long or set with hooks	Sword-fish	Other	Clam	Mussel	Oyster	Scallop
	Number	Number	Number	Number	Number	Number	Number	Number
1884.......	-	-	-	-	-	-	1	-
1902.......	-	-	-	-	1	-	1	-
1906.......	-	-	-	-	-	-	1	-
1907.......	-	-	-	-	-	-	1	-
1911.......	-	-	-	-	-	-	1	-
1914.......	-	-	-	-	1	-	-	-
1921.......	-	-	-	-	1	-	-	-
1922.......	-	-	-	-	2	-	-	-
1923.......	-	-	-	-	1	-	-	-

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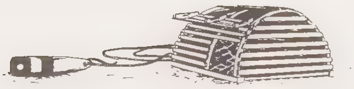
NEW ENGLAND FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Lines - continued		Harpoons		Dredges			
	Troll	Long or set with hooks	Sword-fish	Other	Clam	Mussel	Oyster	Scallop
	Number	Number	Number	Number	Number	Number	Number	Number
1924.......	-	-	-	-	3	-	1	-
1925.......	-	-	-	-	1	-	-	-
1926.......	-	-	-	-	3	-	-	-
1928.......	-	-	-	-	-	-	-	1
1930.......	-	1	-	-	1	-	-	-
1931.......	-	-	-	-	1	-	1	-
1933.......	-	-	-	-	1	-	-	-
1935.......	-	1	-	-	-	-	-	-
1936.......	-	-	-	-	-	-	-	1
1939.......	-	-	-	-	4	-	1	1
1940.......	-	-	-	-	1	-	-	-
1941.......	-	2	-	-	-	-	-	4
1942.......	-	-	-	-	1	-	-	1
1944.......	-	-	-	-	-	-	-	5
1945.......	-	-	1	-	4	-	-	5
1946.......	-	-	1	-	1	-	-	-
1947.......	-	-	1	-	2	1	1	2
1948.......	-	-	-	-	2	-	1	-
1949.......	-	1	-	1	1	-	-	-
1951.......	-	1	-	-	1	-	-	1
1952.......	-	-	-	-	2	-	-	-
1953.......	1	1	-	-	-	-	-	-
1954.......	-	1	-	-	1	-	-	-
1955.......	-	1	1	-	-	-	-	1
1956.......	-	-	-	-	-	-	-	1
1957.......	-	2	-	-	-	-	-	1
1958.......	-	1	-	-	-	-	-	1
1959.......	-	2	-	-	-	1	-	2
1960.......	-	-	-	-	-	-	-	2
1962.......	-	1	-	-	-	-	-	2
1963.......	-	-	-	-	-	-	-	1
1964.......	-	3	-	-	-	-	-	1
1965.......	-	1	-	-	-	-	-	2
1966.......	-	1	-	-	-	-	-	4
TOTAL......	1	20	4	1	36	2	10	39



LOBSTER POT

MIDDLE ATLANTIC FISHING VESSELS, 1966 - BY YEAR BUILT

Year built	Haul seines	Purse seines				Otter trawls		Pound nets	Fyke and hoop nets, fish
		Herring	Menhaden	Tuna	Other	Fish	Lobster		
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1875........	-	-	-	-	-	1	-	-	-
1887........	-	-	-	-	-	1	-	-	-
1902........	-	-	-	-	-	2	-	-	-
1903........	-	-	-	-	-	-	-	1	-
1907........	-	-	-	-	1	1	-	-	-
1909........	-	-	-	-	-	2	-	-	-
1911........	-	-	-	-	-	2	-	-	-
1913........	-	-	-	-	-	1	-	1	-
1914........	-	-	-	-	-	1	-	-	-
1915........	-	-	-	-	-	1	-	-	-
1916........	-	-	-	-	-	1	-	-	-
1917........	-	-	-	-	-	6	-	-	-
1918........	-	-	-	-	-	4	-	-	-
1919........	-	-	-	-	-	2	-	-	-
1920........	-	-	-	-	-	2	1	-	-
1921........	-	-	-	-	1	2	-	-	-
1922........	-	-	-	-	-	2	-	-	-
1923........	-	-	-	-	-	1	-	-	-
1924........	-	-	-	-	1	3	-	-	-
1925........	-	-	-	-	-	-	1	-	-
1926........	-	-	-	-	-	2	-	-	-
1927........	-	-	1	-	-	5	-	-	-
1928........	-	-	-	-	-	[illegible]	-	-	-
1929........	-	-	-	-	-	3	1	-	-
1930........	-	-	-	-	-	13	-	-	-
1931........	-	-	-	-	-	5	1	-	-
1932........	-	-	-	-	-	1	-	-	-
1933........	1	-	-	-	-	2	-	-	-
1934........	-	-	-	-	-	1	-	-	-
1935........	-	-	-	-	-	2	-	-	-
1936........	-	-	-	-	-	7	-	-	-
1937........	-	-	-	1	-	4	-	-	-
1938........	-	-	-	-	-	8	1	-	-
1939........	-	-	-	1	-	2	-	1	-
1940........	-	-	-	-	-	2	-	-	-
1941........	-	-	-	-	-	6	1	-	-
1942........	-	-	1	1	1	13	3	-	-
1943........	-	1	3	-	-	13	1	-	-
1944........	-	-	2	-	-	11	2	-	-
1945........	-	-	1	1	-	19	3	-	-
1946........	-	-	-	-	-	32	4	2	-
1947........	-	-	-	-	-	9	3	-	-
1948........	-	-	-	-	-	6	-	1	-
1949........	-	-	3	-	-	3	-	-	1
1950........	-	-	2	-	-	6	-	-	-
1951........	-	1	1	-	-	7	1	-	-
1952........	-	-	-	-	-	5	-	-	-
1953........	-	-	2	-	-	7	1	-	-
1954........	-	-	1	-	-	4	-	-	-
1955........	-	1	3	-	-	5	-	-	-
1956........	-	-	2	-	-	5	2	-	-
1957........	-	-	-	-	1	8	4	1	-
1958........	-	-	-	-	-	2	-	1	-
1959........	-	-	1	-	-	5	3	-	-
1960........	-	-	-	-	-	2	1	-	-

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MIDDLE ATLANTIC FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Haul seines	Purse seines				Otter trawls		Pound nets	Fyke and hoop nets, fish
		Herring	Menhaden	Tuna	Other	Fish	Lobster		
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1961........	-	-	-	-	-	2	-	-	-
1962........	-	-	-	-	-	1	-	-	-
1963........	-	1	1	-	-	4	2	-	-
1964........	-	-	-	-	-	2	1	-	-
1965........	-	-	-	-	-	3	-	-	-
1966........	-	-	-	-	-	5	-	-	-
UNKNOWN.....	1	-	-	-	-	5	-	-	-
TOTAL.......	2	4	24	4	5	287	37	8	1

Year built	Pots			Gill nets				Lines	
	Crab	Fish	Lobster	Anchor, set or stake	Drift		Runaround	Hand	Troll
					Shad	Other			
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1909........	-	-	1	-	-	-	1	-	-
1915........	-	-	-	-	-	1	-	-	-
1919........	-	-	1	-	-	-	-	-	-
1921........	-	-	-	-	-	-	-	1	-
1926........	-	-	1	-	-	-	-	-	-
1930........	-	-	1	-	-	-	-	-	-
1936........	-	-	-	-	-	2	-	-	-
1937........	-	1	-	-	-	-	-	-	-
1938........	-	-	-	-	-	-	1	-	-
1939........	-	-	1	-	-	-	-	-	-
1940........	-	-	-	1	-	1	1	1	-
1941........	-	-	2	-	-	1	1	1	-
1943........	-	-	1	1	-	-	-	-	-
1945........	-	-	-	-	-	1	-	1	-
1946........	-	-	-	-	-	2	1	-	-
1947........	-	2	1	-	-	1	2	1	-
1948........	2	1	-	1	1	1	-	1	-
1951........	-	1	-	-	-	1	-	-	-
1952........	-	-	1	-	-	-	-	-	-
1953........	1	2	2	-	-	1	1	3	-
1954........	-	1	1	-	-	2	1	-	2
1956........	-	1	-	-	-	3	-	2	-
1957........	-	-	1	-	-	2	-	1	-
1958........	-	-	-	1	1	-	-	-	-
1961........	-	-	1	-	-	2	-	-	-
1962........	-	-	-	-	-	2	1	1	-
1963........	-	1	1	-	-	-	-	-	-
1964........	-	1	-	-	-	-	-	-	-
TOTAL.......	3	11	16	4	2	23	10	13	2

(continued on next page)

MIDDLE ATLANTIC FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Lines - continued	Harpoons, swordfish	Dredges					
	Long or set with hooks		Clam	Conch	Crab	Mussel	Oyster	Scallops
	Number	Number	Number	Number	Number	Number	Number	Number
1866........	-	-	1	-	-	-	-	-
1870........	-	-	-	-	1	-	-	-
1872........	-	-	1	-	-	-	-	-
1873........	-	-	1	-	-	-	-	-
1876........	-	-	1	-	-	-	-	-
1881........	-	-	1	-	-	-	-	-
1883........	-	-	-	-	1	-	-	-
1884........	-	-	1	-	-	-	-	-
1886........	-	-	-	-	-	-	1	-
1887........	-	-	1	-	2	-	1	-
1888........	-	-	1	-	-	-	-	-
1893........	-	-	-	-	1	-	-	-
1900........	-	-	-	-	-	-	1	-
1901........	-	-	3	-	-	-	3	-
1902........	-	-	1	-	-	-	-	-
1903........	-	-	1	-	-	-	2	-
1904........	-	-	1	-	1	-	-	-
1905........	-	-	3	-	1	-	-	-
1906........	-	-	6	-	-	-	2	-
1907........	-	-	1	-	-	-	1	-
1908........	-	-	-	-	-	-	-	-
1909........	-	-	1	-	-	-	2	-
1910........	-	-	2	-	-	-	1	-
1911........	-	-	1	-	1	-	2	-
1913........	-	-	2	-	-	-	1	-
1916........	-	-	2	1	-	-	-	-
1917........	-	-	-	-	-	-	1	-
1918........	-	-	-	-	-	-	-	1
1919........	-	-	2	-	-	-	-	1
1920........	-	-	1	-	-	-	-	-
1921........	-	-	1	-	-	-	-	-
1922........	1	1	-	1	1	-	1	-
1923........	-	-	1	-	-	-	-	-
1924........	-	-	4	1	-	-	4	-
1925........	-	-	2	-	-	-	1	-
1926........	-	-	2	-	-	-	1	-
1927........	-	-	2	-	-	-	-	-
1928........	-	-	3	-	-	-	-	-
1929........	-	-	4	-	-	-	1	-
1930........	-	-	1	-	1	-	-	2
1932........	-	-	-	1	-	1	-	-
1934........	-	-	1	-	-	-	-	-
1935........	-	-	-	-	-	-	1	-
1936........	1	-	1	-	-	-	-	1
1937........	2	-	1	-	-	-	1	1
1938........	-	-	1	-	-	-	-	1
1939........	1	-	-	-	-	-	-	1
1940........	1	-	2	-	-	-	1	2
1941........	1	-	1	-	-	-	-	5
1942........	-	-	7	1	1	-	-	3
1943........	3	-	8	-	-	-	1	3
1944........	-	-	3	-	-	-	-	5
1945........	1	-	9	2	-	-	1	2
1946........	-	-	4	1	1	-	-	3

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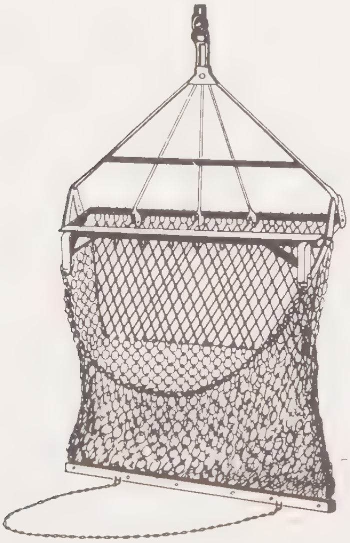
MIDDLE ATLANTIC FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Lines - continued	Harpoons, swordfish	Dredges					
	Long or set with hooks		Clam	Conch	Crab	Mussel	Oyster	Scallops
	Number	Number	Number	Number	Number	Number	Number	Number
1947........	-	-	3	-	-	-	1	2
1949........	-	-	3	-	-	-	1	-
1950........	-	1	5	-	-	-	-	-
1951........	-	-	-	-	1	-	-	2
1952........	-	-	3	-	-	-	-	-
1953........	-	-	3	-	1	-	-	-
1954........	-	-	-	-	-	-	-	1
1956........	-	-	2	-	-	-	-	1
1957........	-	-	1	-	-	-	-	3
1958........	-	-	-	-	-	-	-	1
1959........	1	1	-	-	-	-	-	2
1960........	-	-	3	-	-	-	-	1
1962........	-	-	-	-	-	-	-	2
1963........	-	-	1	-	-	-	-	-
1964........	3	-	1	-	-	-	-	-
1966........	-	-	1	-	-	-	-	-
TOTAL.......	15	3	119	9	14	1	33	46



SCALLOP DREDGE

CHESAPEAKE FISHING VESSELS, 1966 - BY YEAR BUILT

Year built	Haul seines	Purse seines, Menhaden	Otter Trawl, fish	Pound nets, fish	Fyke nets, fish	Pots	
						Crab, Blue	Eel
	Number	Number	Number	Number	Number	Number	Number
1875.......	-	-	1	-	-	-	-
1892.......	-	1	-	-	-	-	-
1893.......	-	1	-	-	-	-	-
1896.......	-	-	-	1	-	-	-
1897.......	-	1	-	-	-	-	-
1900.......	-	1	-	-	-	1	-
1901.......	-	1	-	-	-	-	-
1902.......	-	1	-	-	-	-	-
1904.......	-	1	-	-	-	-	-
1905.......	-	-	-	2	-	-	-
1906.......	-	-	-	1	-	1	-
1907.......	-	-	1	-	-	-	-
1909.......	-	1	-	1	-	-	-
1911.......	-	-	1	1	-	1	-
1912.......	1	1	-	-	-	-	-
1913.......	-	-	1	-	-	-	-
1914.......	-	-	2	-	-	2	-
1915.......	-	-	-	1	-	-	-
1916.......	-	-	1	-	-	-	-
1917.......	-	-	4	-	-	-	-
1918.......	-	-	3	-	-	-	-
1919.......	-	1	1	-	-	-	-
1920.......	-	1	-	1	-	-	-
1921.......	-	-	-	-	-	1	-
1922.......	-	-	-	2	-	1	-
1923.......	1	1	-	2	-	3	1
1925.......	-	-	-	3	-	-	-
1926.......	-	-	1	1	-	-	-
1927.......	1	1	2	-	-	1	-
1928.......	1	-	1	2	-	2	-
1929.......	1	-	1	3	-	1	-
1930.......	-	1	2	1	-	-	-
1931.......	-	-	2	2	-	3	-
1932.......	-	-	-	-	-	2	-
1933.......	-	-	-	-	-	2	-
1934.......	2	-	2	1	-	5	-
1935.......	1	-	-	2	-	5	-
1936.......	3	-	2	2	-	5	-
1937.......	2	-	-	2	-	9	-
1938.......	-	-	3	4	-	8	-
1939.......	1	-	-	3	-	2	-
1940.......	3	-	-	2	-	12	-
1941.......	2	-	1	2	-	3	-
1942.......	-	5	4	1	-	3	-
1943.......	1	12	5	-	-	4	-
1944.......	2	6	1	1	-	4	-
1945.......	1	2	6	2	-	16	-
1946.......	7	-	5	7	-	9	-
1947.......	4	-	3	6	-	12	-
1948.......	5	-	3	3	1	16	-
1949.......	2	-	2	5	-	17	-
1950.......	6	-	2	4	-	13	-
1951.......	1	-	1	4	-	9	1

(continued on next page)

CHESAPEAKE FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Haul seines	Purse seines, Menhaden	Otter Trawl, fish	Pound nets, fish	Fyke nets, fish	Pots	
						Crab, Blue	Eel
	Number	Number	Number	Number	Number	Number	Number
1952.......	1	-	-	2	-	19	-
1953.......	-	-	2	5	-	17	1
1954.......	2	-	1	3	-	20	-
1955.......	1	-	1	4	-	10	-
1956.......	3	-	3	4	-	26	-
1957.......	1	1	1	-	-	13	-
1958.......	-	1	1	4	-	11	-
1959.......	2	-	3	5	-	16	1
1960.......	2	-	-	1	-	18	-
1961.......	-	-	2	2	1	8	-
1962.......	-	-	1	1	-	6	-
1963.......	-	-	2	1	-	5	-
1964.......	-	-	-	-	1	7	-
1965.......	1	-	-	1	-	15	-
1966.......	1	-	-	-	1	7	-
UNKNOWN....	-	-	2	4	-	5	-
TOTAL......	62	41	83	112	4	376	4

Year built	Pots continued	Gill nets		Lines			
	Fish	Anchor	Drift	Hand	Long with Hooks	Trot with Baits	Scrapes
	Number	Number	Number	Number	Number	Number	Number
1905.......	-	1	-	-	-	-	-
1906.......	-	-	1	-	-	-	-
1909.......	-	-	1	-	-	-	-
1910.......	-	1	-	-	-	-	-
1915.......	-	1	-	-	-	-	-
1920.......	-	1	-	-	-	-	-
1922.......	-	1	-	-	-	-	-
1923.......	-	2	1	-	-	-	-
1924.......	-	-	-	-	-	1	-
1925.......	-	1	-	-	-	-	-
1926.......	-	-	2	-	-	-	-
1927.......	-	3	-	-	-	1	-
1928.......	-	-	1	-	-	1	-
1929.......	-	-	1	-	-	-	-
1930.......	-	-	-	-	-	-	-
1931.......	-	1	-	-	-	1	-
1932.......	-	1	1	-	-	1	-
1933.......	-	-	1	-	-	1	-
1934.......	-	1	2	-	-	1	-
1935.......	-	1	1	-	-	1	-
1936.......	-	2	2	-	-	-	-
1937.......	-	3	2	-	-	2	-
1938.......	-	-	2	-	-	1	-
1939.......	-	2	2	-	-	4	-
1940.......	-	3	5	-	-	1	-
1941.......	-	3	-	-	2	-	-
1942.......	-	4	2	-	-	2	-

(continued on the next page)

CHESAPEAKE FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year Built	Pots continued	Gill nets		Lines			
	Fish	Anchor	Drift	Hand	Long with hooks	Trot with bait	Scrapes
	Number	Number	Number	Number	Number	Number	Number
1943.......	-	2	1	1	-	1	-
1944.......	-	6	2	1	-	4	-
1945.......	-	4	6	-	1	1	-
1946.......	1	6	6	-	-	5	-
1947.......	-	4	-	-	-	3	-
1948.......	-	11	8	-	-	4	-
1949.......	-	4	2	-	-	4	-
1950.......	-	10	8	-	-	5	-
1951.......	1	6	5	-	-	1	-
1952.......	-	5	3	-	-	3	-
1953.......	-	6	5	-	-	2	-
1954.......	-	8	4	-	-	1	1
1955.......	-	4	5	-	-	1	-
1956.......	-	5	5	-	-	8	-
1957.......	-	9	4	-	-	4	-
1958.......	-	6	3	-	-	2	-
1959.......	-	13	10	-	-	3	-
1960.......	-	7	4	-	-	4	-
1961.......	-	3	7	-	-	6	-
1962.......	-	2	2	-	-	1	-
1963.......	-	1	2	-	-	1	-
1964.......	-	4	1	-	2	2	-
1965.......	-	4	3	-	-	2	-
1966.......	-	2	1	-	-	2	-
UNKNOWN....	-	1	1	-	-	-	-
TOTAL......	2	165	125	2	5	88	1

Year Built	Dredges					Tongs	
	Clam	Conch	Crab	Oyster, common	Scallop	oyster	other
	Number	Number	Number	Number	Number	Number	Number
1875.......	-	-	-	-	1	-	-
1883.......	-	-	1	-	-	-	-
1884.......	-	-	-	1	-	-	-
1886.......	-	-	-	1	-	-	-
1889.......	-	-	1	-	-	-	-
1890.......	-	-	-	1	-	-	-
1891.......	-	-	-	1	-	-	-
1893.......	-	-	2	-	-	-	-
1896.......	-	-	1	2	-	-	-
1898.......	-	-	-	1	-	1	-
1899.......	-	-	-	-	-	1	-
1900.......	-	-	-	-	-	-	-
1901.......	-	1	2	3	-	-	-
1902.......	-	-	-	2	-	-	-
1903.......	-	-	1	1	-	1	-
1904.......	-	-	1	2	-	-	-
1905.......	-	-	-	3	-	-	-
1906.......	-	-	1	2	-	-	-
1907.......	-	-	-	1	-	-	-
1908.......	-	-	-	4	-	-	-
1909.......	-	-	2	1	-	-	-
1910.......	1	-	-	4	-	1	1

(continued on next page)

CHESAPEAKE FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year Built	Dredges					Tongs	
	Clam	Conch	Crab	Oyster, common	Scallop	oyster	other
	Number	Number	Number	Number	Number	Number	Number
1911.......	-	-	1	3	-	-	-
1912.......	-	1	3	-	-	3	-
1913.......	-	1	8	2	-	-	-
1914.......	-	-	-	2	-	2	-
1915.......	-	-	2	1	-	1	-
1916.......	-	-	2	-	-	-	-
1917.......	-	-	2	1	2	-	-
1918.......	-	1	2	1	2	1	-
1919.......	-	-	1	1	-	1	-
1920.......	-	1	4	2	-	2	-
1921.......	-	-	1	-	-	1	-
1922.......	-	2	5	-	-	1	-
1923.......	-	2	4	-	-	3	-
1924.......	-	1	6	2	-	4	-
1925.......	-	-	9	-	-	2	-
1926.......	-	-	7	1	-	3	1
1927.......	-	-	3	-	-	3	1
1928.......	-	1	6	-	-	2	1
1929.......	-	-	3	1	-	-	-
1930.......	1	1	3	-	1	1	-
1931.......	-	-	2	-	-	4	1
1932.......	-	-	1	1	-	4	-
1933.......	-	-	1	2	-	1	1
1934.......	2	-	-	2	-	12	1
1935.......	1	-	3	1	-	9	1
1936.......	2	-	2	3	2	9	4
1937.......	1	-	1	2	-	8	-
1938.......	1	1	3	3	1	10	1
1939.......	1	-	1	4	1	8	-
1940.......	2	-	2	3	2	15	2
1941.......	-	-	1	2	1	7	1
1942.......	1	-	-	1	2	7	1
1943.......	1	-	-	2	2	7	2
1944.......	2	-	5	5	2	14	1
1945.......	2	-	1	5	2	21	4
1946.......	5	-	6	11	-	29	6
1947.......	4	-	3	3	2	21	5
1948.......	3	-	2	5	-	29	3
1949.......	2	1	4	9	-	19	4
1950.......	-	-	1	3	-	17	2
1951.......	1	1	3	1	-	10	1
1952.......	1	1	3	6	-	14	4
1953.......	2	-	3	5	-	16	4
1954.......	4	-	2	9	-	16	6
1955.......	-	-	3	7	-	18	1
1956........	13	-	-	9	-	42	3
1957.......	12	-	1	9	1	28	8
1958.......	6	-	-	3	-	19	5
1959.......	3	1	3	7	-	33	6
1960.......	4	-	1	5	1	21	1
1961.......	2	-	3	2	-	17	2
1962.......	2	-	-	-	-	8	3
1963.......	3	-	2	5	-	19	1
1964.......	4	-	-	2	-	13	-
1965.......	1	-	-	1	-	13	4
1966.......	2	-	-	-	-	10	-
UNKNOWN....	-	-	3	3	-	12	2
TOTAL......	92	17	150	188	25	594	95

SOUTH ATLANTIC FISHING VESSELS, 1966 - BY YEAR BUILT

Year built	Haul seines	Purse seines, Menhaden	Otter trawl				Pots		
			Crab	Fish	Scallop	Shrimp	Crab	Fish	Spiny lobster
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1896.......	-	-	-	-	-	1	-	1	-
1897.......	-	1	-	-	-	-	-	-	-
1898.......	-	-	-	-	-	1	-	-	-
1899.......	-	-	-	-	-	1	-	-	-
1900.......	-	1	-	-	-	1	-	-	-
1901.......	-	-	1	-	-	1	-	-	-
1903.......	-	-	-	-	-	-	-	-	1
1910.......	-	-	-	-	-	1	-	-	-
1911.......	-	-	1	1	-	3	-	-	-
1913.......	-	-	1	1	1	1	-	-	-
1915.......	-	-	1	-	-	1	-	-	-
1916.......	-	-	-	-	-	1	-	-	-
1917.......	-	-	-	1	-	1	-	-	-
1918.......	-	-	-	-	-	-	-	-	1
1920.......	-	1	-	-	-	1	-	-	-
1921.......	-	-	1	-	-	3	-	-	-
1922.......	-	-	2	-	-	3	-	-	-
1923.......	-	-	-	1	-	4	-	-	-
1924.......	-	-	1	1	-	3	1	-	2
1925.......	1	-	-	1	-	7	-	-	-
1926.......	-	-	1	-	-	4	-	-	1
1927.......	-	1	1	1	-	9	-	-	-
1928.......	-	-	1	1	-	3	-	-	-
1929.......	-	-	2	1	-	5	-	1	-
1930.......	1	1	4	1	-	13	-	-	2
1931.......	-	-	4	-	-	7	-	-	1
1932.......	-	-	2	-	-	8	-	1	-
1933.......	2	-	3	-	-	4	-	-	-
1934.......	-	-	2	1	-	7	-	1	-
1935.......	-	-	2	1	-	7	-	1	2
1936.......	-	-	2	1	-	9	2	2	2
1937.......	-	-	2	-	-	11	1	-	-
1938.......	1	-	5	1	-	8	1	1	-
1939.......	-	-	6	-	-	14	-	1	1
1940.......	-	-	1	-	-	4	-	-	1
1941.......	-	1	3	1	-	10	-	-	4
1942.......	-	4	3	3	-	19	-	1	4
1943.......	1	14	1	3	-	13	-	-	1
1944.......	-	9	7	4	1	31	1	-	1
1945.......	-	2	10	1	-	25	-	2	2
1946.......	2	-	15	7	-	59	1	5	-
1947.......	1	-	13	4	-	46	-	2	3
1948.......	-	-	11	2	-	30	-	3	1
1949.......	-	2	15	7	1	43	1	5	-
1950.......	-	1	-	1	-	16	-	3	1
1951.......	-	-	2	1	-	26	-	2	-
1952.......	-	-	4	-	-	14	1	3	-
1953.......	-	3	2	2	-	24	1	2	2
1954.......	1	1	12	9	3	38	1	-	1
1955.......	-	1	6	4	1	33	-	1	2
1956.......	-	2	5	9	3	52	-	1	1
1957.......	-	3	3	7	3	47	-	-	1
1958.......	-	2	2	8	3	52	-	2	2
1959.......	-	2	3	3	1	32	-	1	1
1960.......	-	-	2	-	-	11	-	1	1

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SOUTH ATLANTIC FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Haul seines	Purse seines, Menhaden	Otter trawl				Pots		
			Crab	Fish	Scallop	Shrimp	Crab	Fish	Spiny lobster
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1961.......	-	-	3	-	-	22	-	-	1
1962.......	-	1	3	2	-	17	-	1	2
1963.......	-	-	2	1	-	23	-	3	2
1964.......	-	1	2	2	1	20	-	-	-
1965.......	-	1	1	4	1	18	-	1	1
1966.......	-	-	-	3	1	26	-	-	1
UNKNOWN....	-	-	2	1	-	9	-	-	5
TOTAL.......	10	55	178	103	2[illegible]	903	11	48	54

Year built	Gill nets		Lines				Dredges	
	Anchor, set or stake	Drift	Hand	Troll	Long or set with hooks	Trot with baits	Clam	Oyster
	Number	Number	Number	Number	Number	Number	Number	Number
1865.......	-	-	1	-	-	-	-	-
1900.......	-	-	-	-	-	1	1	1
1913.......	-	-	-	-	-	-	-	1
1915.......	-	-	-	-	-	-	-	1
1917.......	-	-	-	-	1	-	-	-
1922.......	-	-	-	-	-	-	-	1
1923.......	-	-	1	-	-	-	-	-
1924.......	-	-	1	-	-	-	-	1
1925.......	-	-	-	-	-	1	1	1
1926.......	-	-	-	-	-	-	-	1
1927.......	-	-	1	1	1	-	-	1
1929.......	-	-	1	-	-	-	-	-
1930.......	-	-	1	-	-	-	-	2
1931.......	1	-	1	-	-	-	-	-
1932.......	2	-	-	-	-	-	-	1
1934.......	1	-	-	1	-	-	-	-
1935.......	2	-	-	-	-	-	-	-
1936.......	1	-	3	2	-	-	-	-
1937.......	-	-	1	1	-	-	-	-
1938.......	-	-	2	-	-	-	-	2
1939.......	-	1	1	-	-	-	-	1
1940.......	-	-	1	1	-	-	-	1
1941.......	-	-	2	-	1	-	-	1
1942.......	-	-	4	-	1	-	-	-
1943.......	-	-	2	1	-	-	-	-
1944.......	-	-	2	-	1	-	-	2
1945.......	-	2	2	1	-	-	-	4
1946.......	1	-	4	3	-	1	1	7
1947.......	1	3	4	2	-	-	-	6
1948.......	-	-	2	1	-	1	-	1
1949.......	-	2	2	1	-	-	-	2
1950.......	-	1	1	2	-	-	-	-
1951.......	-	2	3	1	-	-	-	-
1952.......	-	-	2	1	-	-	-	-
1953.......	-	-	1	1	-	-	-	-

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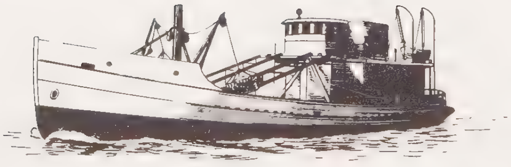
SOUTH ATLANTIC FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Gill nets		Lines				Dredges	
	Anchor, set or stake	Drift	Hand	Troll	Long or set with hooks	Trot with baits	Clam	Oyster
	Number	Number	Number	Number	Number	Number	Number	Number
1954.......	-	-	3	1	-	-	-	-
1955.......	-	1	-	-	-	-	-	1
1956.......	-	-	2	1	-	-	-	1
1957.......	-	-	1	-	-	-	-	1
1958.......	-	-	3	1	-	-	-	-
1959.......	-	-	2	3	2	-	-	1
1960.......	-	2	1	2	-	-	-	1
1961.......	-	2	2	-	-	-	-	-
1962.......	-	1	1	-	-	-	-	1
1963.......	-	2	3	1	-	-	-	-
1964.......	-	-	1	-	-	-	-	-
1965.......	-	-	1	-	-	-	-	-
1966.......	-	2	-	1	-	-	-	-
UNKNOWN....	-	-	1	2	-	-	-	-
TOTAL......	9	21	67	32	7	4	3	44



OYSTER DREDGE

GULF FISHING VESSELS, 1966 - BY YEAR BUILT

Year built	Haul seines	Purse Seines			Butter-fly nets	Otter trawls		Pots	
								crab	
		Menhaden	Tuna	Other		Fish	Shrimp	Blue	other
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1888....	-	-	-	-	-	-	1	-	-
1891....	-	-	-	-	-	-	1	-	-
1900....	-	-	-	-	-	-	2	-	-
1901....	-	-	-	-	-	-	2	-	-
1903....	-	-	-	-	-	-	2	-	-
1904....	-	-	-	-	-	-	2	-	-
1905....	-	-	-	-	-	-	1	-	-
1907....	-	-	-	-	-	-	1	-	-
1909....	-	-	-	-	-	-	3	-	-
1911....	-	1	-	-	-	-	1	-	-
1915....	-	-	-	-	-	-	3	-	-
1916....	-	-	-	-	-	-	1	-	-
1917....	-	-	-	-	-	-	2	-	-
1918....	-	-	-	-	-	-	3	-	-
1919....	-	-	-	-	-	-	1	-	-
1920....	-	-	-	-	-	-	5	-	-
1921....	-	-	-	-	-	-	1	-	-
1923....	-	-	-	-	-	-	6	-	1
1924....	-	-	-	-	1	-	10	-	-
1925....	-	-	-	-	1	-	9	-	-
1926....	-	-	-	-	-	-	9	-	-
1927....	-	-	-	-	-	-	6	-	-
1928....	-	-	-	-	-	1	12	1	-
1929....	-	-	-	-	1	1	10	-	-
1930....	-	-	-	-	1	-	7	-	-
1931....	-	-	-	-	1	-	10	-	-
1932....	-	-	-	-	-	-	4	-	-
1933....	-	-	-	-	-	-	7	-	-
1934....	-	-	-	-	-	1	4	-	-
1935....	-	-	-	-	-	1	13	-	-
1936....	-	-	-	-	-	-	26	-	-
1937....	-	-	-	-	1	2	39	-	-
1938....	-	-	-	-	3	2	37	-	1
1939....	1	-	-	-	1	-	20	1	-
1940....	-	-	-	-	-	1	23	-	1
1941....	-	1	-	-	-	-	27	-	-
1942....	-	3	-	-	-	2	24	-	-
1943....	-	2	-	-	1	4	36	-	1
1944....	1	6	-	-	1	1	70	-	1
1945....	2	-	-	-	1	4	64	-	1
1946....	1	3	-	-	-	11	94	-	-
1947....	-	2	-	-	-	5	109	-	-
1948....	3	2	-	-	-	6	135	1	-
1949....	1	-	-	-	-	3	73	-	-
1950....	-	3	-	-	1	3	76	-	-
1951....	-	-	-	-	-	1	91	-	-
1952....	-	1	-	-	-	-	99	-	-
1953....	-	1	-	-	1	3	193	-	-
1954....	-	4	-	-	-	5	183	1	-
1955....	-	7	-	1	-	2	62	-	-
1956....	-	7	-	-	-	5	96	-	-
1957....	-	7	-	-	-	1	165	-	-
1958....	-	2	-	-	1	2	233	1	1
1959....	1	2	1	-	-	1	96	-	-
1960....	2	10	-	-	-	3	41	-	-
1961....	-	-	-	-	-	-	62	-	1

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GULF FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Haul seines	Purse seines			Butterfly nets	Otter trawl		Pots	
		Menhaden	Tuna	Other		Fish	Shrimp	Crab	
								blue	other
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1962....	1	4	-	-	-	-	59	-	-
1963....	1	2	-	-	-	1	126	-	-
1964....	-	4	-	-	2	2	119	-	-
1965....	1	9	-	-	2	5	158	-	-
1966....	1	5	-	-	-	-	156	-	-
UNKNOWN.	-	-	-	-	-	-	11	-	-
TOTAL...	16	88	1	1	20	79	2942	5	8

Year built	Pots continued	Gill nets		Trammel nets	Lines		Dredges oyster, common	Tongs and grabs	Hooks, sponges	Diving outfit, sponges
	Lobster, spiny	Drift, other	Runaround		Hand	Troll				
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
1891....	-	-	-	-	-	-	1	-	-	-
1893....	-	-	-	-	-	-	1	-	-	-
1898....	-	-	-	-	-	-	1	-	-	-
1900....	-	-	-	-	-	-	1	-	-	-
1901....	-	-	-	-	-	-	1	-	-	-
1903....	-	-	-	-	-	-	3	-	-	-
1904....	-	-	-	-	-	-	2	-	-	-
1905....	-	-	-	-	-	-	7	-	-	-
1906....	-	-	-	-	-	-	3	-	-	-
1907....	-	-	-	-	-	-	1	-	-	-
1911....	1	-	-	-	-	-	-	-	-	-
1912....	-	-	1	-	1	-	2	-	-	-
1913....	-	-	-	-	1	-	-	-	-	-
1914....	-	-	-	-	-	-	2	-	-	-
1915....	-	-	-	-	1	-	1	-	-	-
1916....	-	-	-	-	-	-	2	-	-	-
1917....	-	-	-	-	1	-	3	-	-	-
1918....	-	-	-	-	3	-	1	-	-	-
1920....	-	-	-	-	-	-	1	-	-	-
1921....	-	-	-	-	-	-	1	-	-	-
1922....	-	-	-	-	-	-	4	-	-	-
1923....	-	-	-	-	2	-	3	-	-	-
1924....	-	-	-	-	4	-	9	-	-	-
1925....	-	-	-	-	4	-	5	-	-	1
1926....	-	-	-	-	-	-	5	-	-	2
1927....	-	-	1	-	4	-	2	-	-	-
1928....	-	-	-	1	5	-	10	-	-	-
1929....	1	-	-	-	5	-	9	-	-	1
1930....	2	-	-	-	4	-	4	-	-	-
1931....	-	-	-	-	3	-	6	-	-	-
1932....	-	-	-	-	3	-	2	-	-	-
1933....	1	-	-	-	2	-	1	-	1	-
1934....	-	-	-	-	2	1	4	-	-	1
1935....	-	-	1	-	3	-	11	-	-	1
1936....	1	-	3	1	6	-	16	-	-	1
1937....	-	-	-	2	6	1	14	-	-	-
1938....	2	-	2	-	8	1	12	1	-	1
1939....	-	-	4	3	4	-	8	-	-	-
1940....	1	1	3	-	7	-	7	1	-	-
1941....	1	1	-	-	4	-	9	-	-	1
1942....	-	-	3	-	3	-	6	-	-	-
1943....	1	-	1	1	7	-	9	-	-	-

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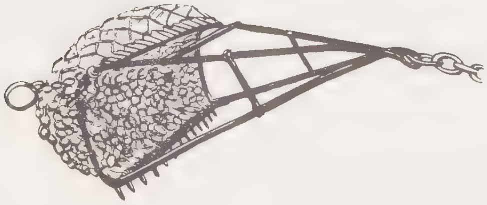
GULF FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Pots continued	Gill nets		Trammel nets	Lines		Dredges oyster, common	Tongs and grabs	Hooks, sponges	Diving outfit, sponges
	Lobster, spiny	Drift, other	Runaround		Hand	Troll				
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
1944....	-	-	4	1	2	-	7	-	-	-
1945....	1	-	3	-	13	-	7	-	-	-
1946....	2	-	2	2	13	1	11	-	-	-
1947....	2	-	3	2	12	2	9	-	-	-
1948....	2	-	2	3	14	2	24	-	-	-
1949....	1	-	1	-	12	-	11	-	-	-
1950....	-	-	3	2	10	1	9	-	1	-
1951....	-	-	-	-	8	-	2	-	-	-
1952....	-	-	4	-	11	-	6	-	1	-
1953....	1	-	4	1	7	-	6	-	-	-
1954....	-	-	1	-	5	-	8	-	-	-
1955....	4	-	1	-	8	2	6	-	-	-
1956....	1	1	1	1	6	1	4	-	-	-
1957....	3	-	1	-	10	2	6	-	-	-
1958....	3	-	5	-	19	5	12	-	-	-
1959....	2	-	5	-	10	2	2	-	-	-
1960....	3	-	3	1	20	4	9	-	-	-
1961....	-	-	4	2	12	-	11	-	-	-
1962....	2	-	2	-	15	2	13	-	-	1
1963....	5	-	6	1	12	5	24	-	-	-
1964....	2	-	2	-	20	3	17	-	-	1
1965....	5	-	3	-	22	2	18	-	-	-
1966....	8	-	3	-	10	4	4	-	-	-
UNKNOWN.	-	-	1	1	4	-	2	-	1	-
TOTAL...	58	3	83	25	368	41	418	2	4	11



OYSTER DREDGE

PACIFIC COAST FISHING VESSELS, 1966 - BY YEAR BUILT

Year built	Haul seines	Purse seines						
		Anchovy	Herring	Mackerel	Salmon	Sardine	Squid	Other
	Number	Number	Number	Number	Number	Number	Number	Number
1907........	-	-	-	-	1	-	-	-
1908........	-	-	-	1	1	-	-	-
1909........	-	1	-	1	-	-	-	-
1910........	-	-	-	-	2	-	-	1
1911........	-	-	-	-	5	-	-	-
1912........	-	-	-	-	12	-	-	-
1913........	-	-	-	-	12	-	-	-
1914........	-	-	-	-	9	-	-	-
1915........	-	-	-	-	22	-	-	-
1916........	-	-	-	-	4	-	-	-
1917........	-	1	-	1	39	-	-	-
1918........	-	1	-	1	6	-	-	-
1919........	-	-	-	-	10	-	-	-
1920........	-	-	-	-	16	-	-	-
1921........	-	-	-	-	1	-	-	-
1923........	-	-	-	-	3	-	-	-
1924........	-	-	-	-	3	-	-	-
1925........	-	1	1	1	8	-	-	-
1926........	-	1	-	1	11	-	-	-
1927........	-	-	2	-	19	1	-	-
1928........	-	2	-	-	5	-	-	-
1929........	-	1	-	1	18	-	-	-
1930........	-	1	-	-	12	-	-	-
1931........	-	-	-	-	8	-	-	-
1934........	-	-	-	-	4	-	-	-
1935........	-	3	1	4	13	4	1	-
1936........	-	-	-	1	11	1	-	-
1937........	-	3	1	8	6	9	-	-
1938........	-	-	-	-	13	2	-	-
1939........	-	2	-	3	7	3	-	-
1940........	-	3	1	3	3	5	-	-
1941........	-	-	-	-	14	1	-	-
1942........	2	1	-	-	15	2	-	-
1943........	2	-	-	1	10	1	-	-
1944........	1	8	3	11	23	21	1	-
1945........	-	1	1	4	21	21	1	-
1946........	-	2	2	2	43	14	-	-
1947........	1	6	1	2	38	10	-	-
1948........	-	3	1	1	25	4	-	-
1949........	-	2	4	3	50	5	-	-
1950........	-	2	-	1	40	2	-	-
1951........	1	1	1	1	42	10	-	-
1952........	-	1	-	2	19	1	-	-
1953........	1	2	-	3	10	2	-	-
1954........	-	1	-	-	1	2	-	-
1955........	-	-	-	-	15	3	-	-
1956........	-	-	-	-	27	2	1	-
1957........	-	1	2	1	24	3	-	-
1958........	-	1	-	1	18	2	-	-
1959........	-	-	-	1	11	2	-	-
1960........	-	-	-	-	10	-	-	-
1961........	-	1	-	-	10	1	-	-
1962........	-	-	-	-	28	-	-	-
1963........	-	-	1	-	30	-	-	-
1964........	2	-	-	1	31	1	-	-
1965........	-	-	-	-	20	1	-	-
1966........	-	-	-	-	5	1	-	-
Unknown.....	1	-	-	-	1	-	-	-
Total.....	11	53	22	61	865	137	4	1

PACIFIC COAST FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Beam trawls shrimp	Otter trawls		Mid-water trawl	Pots			
		Fish	Shrimp		Dungeness crab	King crab	Spiny lobster	Octopus
	Number	Number	Number	Number	Number	Number	Number	Number
1900........	-	1	-	-	-	-	-	-
1901........	-	1	-	-	-	-	-	-
1907........	-	1	-	-	4	-	-	-
1908........	1	2	-	-	-	-	-	-
1909........	-	1	-	-	-	-	-	-
1910........	1	-	1	-	2	2	-	-
1911........	-	3	-	-	1	1	-	-
1912........	1	4	-	-	3	5	-	-
1913........	-	2	-	-	2	2	-	-
1914........	1	2	-	-	-	2	-	-
1915........	-	9	2	-	3	4	1	-
1916........	1	-	-	-	-	-	1	-
1917........	-	9	3	-	11	3	-	-
1918........	-	2	1	-	5	4	-	-
1919........	1	2	1	-	4	2	-	-
1920........	-	5	-	2	4	2	-	-
1921........	-	1	-	-	6	1	1	-
1922........	2	1	-	-	1	-	-	-
1923........	-	1	-	-	2	3	-	-
1924........	-	4	2	-	3	2	-	-
1925........	-	5	1	-	6	5	-	-
1926........	-	9	3	-	10	4	-	1
1927........	-	13	1	-	12	11	-	-
1928........	-	5	2	-	6	1	1	-
1929........	-	6	3	-	7	4	2	-
1930........	-	8	3	-	7	10	-	-
1931........	-	-	-	-	1	2	-	-
1932........	-	1	-	-	1	-	1	-
1933........	-	-	-	-	1	-	-	-
1934........	-	1	-	-	1	2	1	-
1935........	-	2	-	-	4	5	-	-
1936........	-	2	-	-	3	3	-	1
1937........	1	4	-	1	2	9	-	-
1938........	1	4	-	-	7	3	-	-
1939........	-	11	3	1	6	5	-	-
1940........	-	5	2	-	11	5	2	-
1941........	-	9	3	-	15	8	-	-
1942........	-	8	3	1	19	10	-	-
1943........	-	6	-	3	14	17	1	-
1944........	2	11	5	1	11	11	2	-
1945........	1	14	5	1	25	20	3	1
1946........	-	10	1	-	30	13	5	1
1947........	-	7	2	-	31	9	4	-
1948........	1	4	1	-	21	6	1	-
1949........	-	4	-	-	19	10	3	-
1950........	2	4	2	-	11	3	1	-
1951........	-	5	1	-	9	7	-	-
1952........	-	2	-	1	7	1	-	-
1953........	-	-	-	-	3	-	1	-
1954........	-	-	-	-	9	-	1	-
1955........	-	1	-	-	8	2	1	-
1956........	1	-	-	-	7	3	-	-
1957........	-	-	-	-	-	4	-	-
1958........	-	2	-	-	9	5	1	-
1959........	-	-	-	-	4	3	2	-

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PACIFIC COAST FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Beam trawl, shrimp	Otter trawls		Mid-water trawls	Pots			
		Fish	Shrimp		Dungeness crab	King crab	Spiny lobster	Octopus
	Number	Number	Number	Number	Number	Number	Number	Number
1960.......	-	-	-	-	4	4	1	-
1961.......	-	1	1	-	5	9	-	-
1962.......	1	1	-	-	1	4	-	-
1963.......	-	1	-	-	4	9	-	-
1964.......	-	-	1	-	8	5	1	-
1965.......	-	3	1	-	6	7	3	-
1966.......	-	4	-	-	2	2	-	-
Unknown....	-	1	-	-	3	-	-	-
Total....	18	225	54	11	421	274	41	4

Year built	Pots, shrimp	Gill nets						Trammel nets
		Anchor, set or stake,		Drift				
		salmon	other	barracuda	salmon	sea bass	other	
	Number	Number	Number	Number	Number	Number	Number	Number
1907.......	-	-	-	-	1	-	-	-
1909.......	-	-	-	-	-	1	-	-
1911.......	-	-	-	-	1	-	-	-
1912.......	-	-	-	-	1	-	-	-
1914.......	-	-	-	-	1	-	-	-
1915.......	-	-	-	-	2	-	-	-
1916.......	-	-	-	-	4	-	-	-
1917.......	-	-	-	1	3	1	-	-
1918.......	-	-	-	-	5	-	-	-
1919.......	-	-	-	-	3	-	-	-
1920.......	-	1	-	-	2	-	-	-
1921.......	-	-	-	-	2	1	-	-
1923.......	-	-	-	-	3	-	-	-
1924.......	-	-	-	-	3	-	-	-
1925.......	-	-	-	-	1	-	-	-
1926.......	-	-	1	-	-	1	-	-
1927.......	-	-	-	-	8	-	-	-
1928.......	-	-	-	-	7	-	-	-
1929.......	-	-	-	1	7	-	-	-
1930.......	-	1	-	-	12	-	-	-
1931.......	-	-	-	-	5	-	-	-
1932.......	-	-	-	-	1	-	-	1
1935.......	-	-	-	-	1	-	-	-
1936.......	-	-	-	-	3	-	-	-
1938.......	-	-	-	-	8	-	-	-
1939.......	-	1	-	-	7	-	-	-
1940.......	-	1	-	-	11	2	1	-
1941.......	-	-	-	-	9	-	-	-
1942.......	-	-	-	-	12	-	-	-
1943.......	-	2	-	-	10	-	-	1
1944.......	-	1	-	-	10	2	-	-
1945.......	-	-	-	1	16	3	-	-
1946.......	-	4	-	1	13	4	1	-
1947.......	-	2	-	-	19	2	-	-
1948.......	-	-	-	-	13	1	-	1

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PACIFIC COAST FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Pots, shrimp	Gill nets						Trammel nets
		Anchor, set or stake,		Drift				
		salmon	other	barracuda	salmon	sea bass	other	
	Number	Number	Number	Number	Number	Number	Number	Number
1949.......	-	1	-	-	25	3	-	-
1950.......	-	3	-	-	13	-	-	-
1951.......	-	-	-	-	48	1	-	-
1952.......	-	4	-	-	109	2	-	-
1953.......	1	1	-	-	52	1	-	-
1954.......	-	-	-	-	19	-	-	1
1955.......	-	-	-	-	48	-	-	-
1956.......	-	-	-	-	18	-	-	-
1957.......	-	1	-	1	19	-	-	-
1958.......	-	-	-	-	14	-	-	-
1959.......	-	1	-	-	21	-	-	-
1960.......	-	1	-	-	19	1	-	-
1961.......	-	-	-	-	32	-	-	-
1962.......	-	-	-	-	25	-	-	-
1963.......	-	1	-	-	30	1	-	-
1964.......	1	1	-	-	22	2	-	-
1965.......	1	1	-	-	31	2	-	-
1966.......	-	-	-	-	12	2	-	-
Unknown....	-	-	-	-	6	-	-	1
Total....	3	28	1	5	767	33	2	5

Year built	Lines							
	Hand				Troll			Long or set with hooks
	albacore	rockfish	yellowfin	other	salmon	tuna	other	
	Number	Number	Number	Number	Number	Number	Number	Number
1887.......	-	1	-	-	-	1	-	-
1888.......	1	-	-	-	-	-	-	-
1893.......	-	-	-	-	1	1	-	-
1894.......	-	-	-	-	1	-	-	-
1902.......	-	-	-	-	1	-	-	-
1903.......	-	-	-	-	2	1	-	-
1904.......	-	-	-	-	1	-	-	-
1905.......	-	-	-	-	2	-	-	-
1906.......	-	-	-	-	2	-	-	-
1907.......	-	-	-	-	7	2	-	1
1908.......	-	-	-	-	5	2	-	2
1909.......	-	-	-	-	8	2	-	1
1910.......	-	1	-	1	4	1	-	-
1911.......	-	-	-	-	9	2	-	4
1912.......	-	-	-	-	14	6	-	4
1913.......	-	-	-	-	17	5	-	11
1914.......	-	1	-	-	17	8	-	5
1915.......	-	1	-	-	13	9	-	5
1916.......	1	-	-	-	13	5	-	2
1917.......	1	1	-	-	33	18	-	6
1918.......	2	2	1	-	46	12	1	4
1919.......	-	1	-	-	32	3	2	2
1920.......	2	-	2	-	49	19	1	7
1921.......	-	-	-	-	18	7	1	1

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PACIFIC COAST FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Lines							
	Hand				Troll			Long or set with hooks
	albacore	rockfish	yellowfin	other	salmon	tuna	other	
	Number	Number	Number	Number	Number	Number	Number	Number
1922.......	-	1	-	1	13	3	-	-
1923.......	1	-	-	-	7	5	-	5
1924.......	3	-	1	-	22	14	-	10
1925.......	1	1	1	-	40	17	1	10
1926.......	2	-	1	-	52	26	1	6
1927.......	-	1	-	-	57	23	2	10
1928.......	-	1	-	1	90	31	-	13
1929.......	-	-	-	-	51	23	-	12
1930.......	2	-	1	-	45	13	-	4
1931.......	-	3	-	1	23	8	1	4
1932.......	-	-	-	1	15	3	-	1
1933.......	-	1	-	1	14	2	1	-
1934.......	-	-	-	-	19	3	-	5
1935.......	3	-	1	-	36	13	-	10
1936.......	2	2	2	-	32	16	1	4
1937.......	5	1	5	-	22	6	-	4
1938.......	-	3	-	3	41	19	1	8
1939.......	2	2	-	-	61	33	1	9
1940.......	-	4	-	1	55	37	2	5
1941.......	2	2	2	-	61	33	1	6
1942.......	2	3	1	1	81	45	1	8
1943.......	3	7	1	-	82	34	3	3
1944.......	4	16	2	3	115	75	1	5
1945.......	9	12	3	3	107	95	-	16
1946.......	18	12	9	2	104	98	1	16
1947.......	5	7	2	3	121	85	2	4
1948.......	7	4	2	2	92	62	2	10
1949.......	8	1	2	2	62	41	1	9
1950.......	3	4	1	1	51	28	3	20
1951.......	7	1	3	1	44	30	1	8
1952.......	-	2	-	1	30	17	-	4
1953.......	2	6	-	1	33	16	-	5
1954.......	3	3	2	-	23	18	2	2
1955.......	-	-	-	-	22	7	1	5
1956.......	1	-	-	-	18	11	-	1
1957.......	3	5	2	1	18	11	-	2
1958.......	3	3	1	1	18	7	-	3
1959.......	1	-	1	-	17	11	-	1
1960.......	4	1	-	-	18	10	-	2
1961.......	1	-	-	-	12	9	-	3
1962.......	3	2	2	1	17	11	-	4
1963.......	-	3	1	2	22	13	-	3
1964.......	3	1	2	-	30	26	-	9
1965.......	10	3	5	-	21	16	-	3
1966.......	4	2	4	2	14	14	1	-
Unknown....	1	7	-	4	34	16	-	1
Total....	135	135	63	41	2,257	1,238	36	328

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PACIFIC COAST FISHING VESSELS, 1966 - BY YEAR BUILT - Continued

Year built	Dip nets, common	Brail or scoop nets	Harpoons		Dredges			Diving outfits
			swordfish	whale	Clam	Oyster		
						common	suction	
	Number	Number	Number	Number	Number	Number	Number	Number
1907.......	-	-	-	-	-	1	-	-
1910.......	-	1	-	-	-	-	-	-
1916.......	-	-	1	-	-	-	-	-
1917.......	-	1	1	-	-	-	-	-
1918.......	-	1	-	-	-	1	-	-
1924.......	-	1	-	-	-	-	-	-
1925.......	-	-	-	-	-	-	-	1
1927.......	-	1	-	-	-	1	-	-
1928.......	-	-	1	-	-	-	-	-
1929.......	-	-	1	-	-	-	-	-
1931.......	-	-	-	-	-	1	-	-
1932.......	-	-	1	-	-	-	-	-
1933.......	-	-	-	-	-	-	-	1
1934.......	-	1	-	-	-	-	-	-
1935.......	-	-	-	-	-	1	-	-
1941.......	-	-	-	-	-	1	-	-
1942.......	-	-	-	1	1	-	-	-
1943.......	1	-	-	2	-	1	-	-
1944.......	-	1	2	2	-	3	-	3
1945.......	-	2	2	-	-	6	-	5
1946.......	-	1	2	-	-	2	-	-
1947.......	-	2	4	-	-	1	-	3
1948.......	-	1	2	-	-	-	-	1
1949.......	-	1	1	-	-	-	-	-
1950.......	-	1	-	-	-	-	-	1
1951.......	1	-	-	-	-	1	-	-
1952.......	-	1	1	-	-	1	-	-
1953.......	1	-	-	-	-	-	-	-
1954.......	-	-	1	-	-	-	-	-
1955.......	-	-	-	-	-	2	-	-
1956.......	-	-	1	-	-	2	1	-
1957.......	-	-	-	-	-	-	-	2
1959.......	-	1	-	-	-	-	-	-
1960.......	-	1	-	-	-	-	-	-
1961.......	-	-	-	-	-	-	-	1
1962.......	-	-	1	-	-	1	-	-
1963.......	-	-	-	-	-	1	-	1
1964.......	-	-	2	-	-	-	-	-
1965.......	-	-	-	-	-	-	-	1
1966.......	-	-	-	-	-	1	-	1
Unknown....	1	-	2	-	-	-	1	-
Total....	4	18	26	5	1	28	2	21

GREAT LAKES FISHING VESSELS, 1966 - BY YEAR BUILT

Year built	Haul seines, common	Otter trawls, fish	Pound nets, fish	Trap nets	Fyke and hoop nets, fish	Gill nets			
						Shoal			
						$1\frac{1}{4}$"-2"	$2\frac{1}{8}$"-$3\frac{7}{8}$"	4"-7"	$7\frac{1}{8}$"-14"
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1911.......	-	-	-	-	-	-	1	1	-
1913.......	-	-	-	-	-	1	1	-	-
1914.......	-	-	-	-	-	-	1	-	-
1916.......	-	-	-	-	-	-	-	1	-
1918.......	-	-	-	-	-	-	-	1	-
1921.......	-	-	-	-	-	-	2	-	-
1923.......	-	-	-	-	-	-	1	-	-
1924.......	-	-	-	-	-	1	1	-	-
1925.......	-	-	-	-	-	-	1	-	-
1926.......	-	-	-	-	-	-	4	2	-
1927.......	-	-	-	-	-	-	2	1	-
1928.......	-	1	-	-	-	-	1	-	-
1929.......	-	-	-	-	-	-	5	3	-
1930.......	-	-	-	1	-	-	4	2	-
1931.......	-	-	-	-	-	-	2	-	-
1932.......	-	-	1	1	-	-	2	2	-
1933.......	-	-	-	-	-	-	4	3	-
1934.......	-	-	-	1	-	-	8	3	-
1935.......	-	-	-	1	-	3	9	3	-
1936.......	-	-	1	1	-	1	14	8	-
1937.......	-	-	2	-	-	-	12	8	-
1938.......	-	-	1	-	-	-	12	9	-
1939.......	-	1	-	-	-	-	3	4	-
1940.......	-	-	-	1	-	-	7	5	-
1941.......	-	-	-	1	-	2	5	6	-
1942.......	-	-	1	-	-	-	4	2	1
1943.......	-	-	-	-	-	-	4	3	-
1944.......	-	-	2	3	-	-	10	5	-
1945.......	-	-	-	3	-	-	24	14	1
1946.......	-	4	2	3	-	6	21	15	-
1947.......	-	3	1	4	1	1	19	14	-
1948.......	-	-	3	14	-	-	11	9	-
1949.......	-	-	1	4	-	-	2	2	-
1950.......	-	2	1	1	-	-	9	8	-
1951.......	-	-	-	5	-	-	2	-	-
1952.......	1	-	-	5	-	-	3	2	-
1953.......	-	-	-	3	-	-	-	-	-
1954.......	-	1	-	3	-	-	2	-	1
1955.......	-	-	-	3	-	-	2	-	-
1956.......	1	-	-	2	-	-	2	-	1
1957.......	-	-	-	2	-	-	1	-	-
1958.......	-	-	-	1	-	-	7	4	-
1959.......	-	1	-	1	-	1	4	2	-
1960.......	-	-	-	-	-	-	1	1	-
1963.......	-	-	-	-	-	-	1	1	-
1965.......	-	-	-	1	-	-	-	-	-
TOTAL......	2	13	16	65	1	16	231	144	4

Note:--Includes vessels which also operated in the Mississippi River drainage area.

HAWAII FISHING VESSELS, 1966 - BY YEAR BUILT

Year built	Bag nets	Pots, spiny lobster	Gill nets, anchor, set or stake	Lines			Lift nets
				Hand	Troll	Long or set with hooks	
	Number	Number	Number	Number	Number	Number	Number
1926.......	-	1	-	2	-	-	-
1927.......	1	-	1	-	-	-	-
1928.......	-	-	-	3	-	1	-
1929.......	-	-	-	-	-	2	-
1930.......	-	-	-	2	-	-	-
1931.......	-	-	-	1	-	-	-
1934.......	1	-	-	-	-	-	-
1935.......	-	-	-	1	-	-	-
1936.......	-	-	-	-	1	-	-
1937.......	-	-	-	-	-	1	-
1938.......	-	-	-	2	-	-	-
1939.......	-	-	-	1	-	-	-
1940.......	-	-	-	1	-	-	-
1942.......	-	-	-	-	1	-	-
1943.......	-	-	-	1	1	-	-
1944.......	-	-	-	1	-	-	1
1945.......	-	-	-	-	1	-	-
1946.......	1	1	1	2	1	6	-
1947.......	2	-	1	4	3	7	-
1949.......	-	-	-	1	-	1	-
1950.......	-	-	-	2	1	-	-
1953.......	-	-	-	-	-	3	-
1955.......	-	-	-	1	-	-	-
1961.......	-	-	-	-	1	-	-
1963.......	-	-	-	-	1	-	-
1964.......	-	-	-	-	4	-	-
1965.......	-	-	-	1	1	-	-
TOTAL......	5	2	3	26	16	21	1

PROCESSED FISHERY PRODUCTS, 1966

The production of processed fishery products (canned, packaged fresh and frozen, cured, and industrial) in the United States, American Samoa, and Puerto Rico was valued at a record $1.2 billion in 1966--an increase of 10 percent compared with the previous year.

Canned products accounted for 46 percent of the total value; packaged fresh and frozen, 44 percent; industrial, 6 percent; and cured, 4 percent. The Pacific Coast States led in production with products valued at $448.0 million, followed by the Gulf States, $219.6 million; New England States, $165.1 million; and the Middle Atlantic States, $98.8 million. In 1966, 88,748 employees operated 4,187 wholesaling and processing establishments.

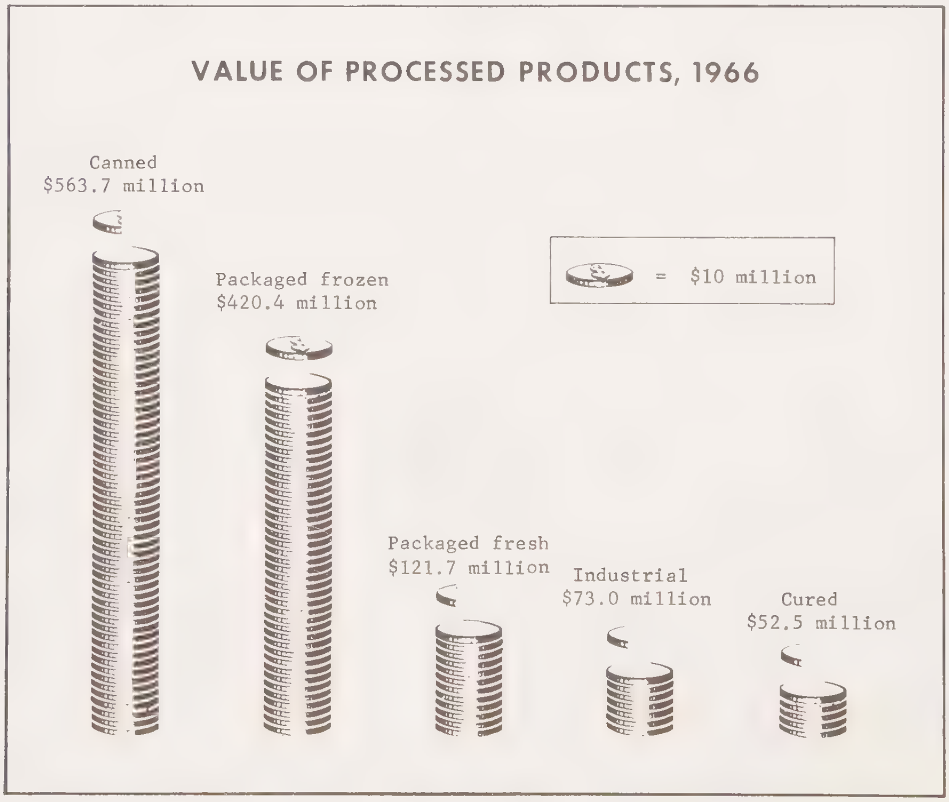
The pack of canned fishery products was 40.8 million standard cases (1.2 billion pounds) worth a record $563.7 million--2.4 million cases and $68.5 million more than in 1965. The production gain resulted principally from record packs of tuna, crab meat, and clam products; and from increases in the packs of salmon, Maine sardines, alewives, and tunalike fish. The value of three items--salmon, tuna, and animal food--accounted for 82 percent of the total value received by the packers.

Fresh and frozen packaged fish and shellfish (fillets and steaks, fish sticks and portions, shrimp and other shellfish products, specialty dinners, etc.) reached a record value of $542.1 million--11 percent more than in 1965.

Cured fishery products of 65.8 million pounds were worth $52.5 million--a decline of 8.7 million pounds and $1.7 million compared with a year earlier.

Industrial products were valued at $73.1 million in 1966--a decline of $9.8 million compared with the previous year. The production of 224,153 tons of marine animal scrap and meal was 12 percent less than in 1965, principally because of a decline in menhaden scrap and meal production. The 134,954 tons of menhaden scrap and meal produced in 1966 were 23 percent less than a year earlier. Production of marine animal oil declined from 195.4 million pounds in 1965 to 164.7 million pounds in 1966.

Production of processed fishery products includes items manufactured from raw products imported from foreign countries. Certain items, such as salted alewives, cured salmon, steamed oysters, etc., are shown in an intermediate and also a more advanced stage of processing. Production, therefore, cannot be correlated directly with the domestic catch.



VALUE OF PROCESSED PRODUCTS, BY STATES, 1966

STATE	VALUE IN THOUSAND DOLLARS
NEW ENGLAND:	
MAINE	36,990
NEW HAMPSHIRE	708
MASSACHUSETTS	124,173
RHODE ISLAND	3,022
CONNECTICUT	212
TOTAL	165,105
MIDDLE ATLANTIC:	
NEW YORK	41,221
NEW JERSEY	32,942
PENNSYLVANIA	19,224
DELAWARE	5,389
TOTAL	98,776
CHESAPEAKE:	
MARYLAND	36,937
VIRGINIA	28,626
TOTAL	65,563
SOUTH ATLANTIC:	
NORTH CAROLINA	10,307
SOUTH CAROLINA	2,962
GEORGIA	27,412
FLORIDA, EAST COAST	24,514
TOTAL	65,195
GULF:	
FLORIDA, WEST COAST	51,451
ALABAMA	9,613
MISSISSIPPI	23,909
LOUISIANA	58,253
TEXAS	76,356
TOTAL	219,582
PACIFIC:	
ALASKA	176,086
WASHINGTON	41,124
OREGON	[illegible]
CALIFORNIA	199,216
TOTAL	448,027
GREAT LAKES:	
NEW YORK	282
PENNSYLVANIA	179
OHIO	16,392
MICHIGAN	2,275
ILLINOIS	6,250
WISCONSIN	2,141
MINNESOTA	52
TOTAL	27,571
MISSISSIPPI RIVER:	
ILLINOIS	204
IOWA	294
KANSAS, KENTUCKY AND NEBRASKA	777
LOUISIANA	247
MINNESOTA	843
MISSOURI	6,396
NORTH DAKOTA	64
OKLAHOMA, TENNESSEE AND TEXAS	3,741
WISCONSIN	1,871
TOTAL	14,437
OTHER:	
HAWAII AND AMERICAN SAMOA	42,038
PUERTO RICO	85,022
GRAND TOTAL	1,231,316

SUMMARY OF PROCESSED PRODUCTS, 1966

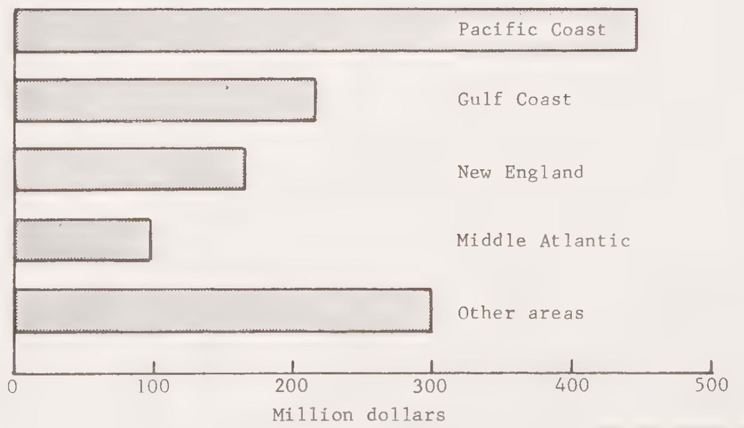
ITEM	VALUE IN THOUSAND DOLLARS
PACKAGED:	
FRESH	121,660
FROZEN	420,396
CANNED	563,708
CURED	52,499
INDUSTRIAL	73,053
TOTAL	1,231,316

WHOLESALING AND PROCESSING, 1966

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:					
ESTABLISHMENTS	550	512	587	435	839
PERSONS ENGAGED:					
AVERAGE FOR SEASON	12,217	7,119	10,398	7,750	18,405
AVERAGE FOR YEAR	9,124	6,222	6,918	5,163	12,822

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:					
ESTABLISHMENTS	588	243	407	26	4,187
PERSONS ENGAGED:					
AVERAGE FOR SEASON	26,797	2,895	2,718	449	88,748
AVERAGE FOR YEAR	17,329	2,482	2,412	371	62,843

VALUE OF PROCESSED PRODUCTS, 1966



PROCESSED FISHERY PRODUCTS, 1966

ITEM		QUANTITY	VALUE
ALEWIVES:			
FRESH AND FROZEN:			
FILLETS	POUNDS	(1)	(1)
ROE	DO	(1)	(1)
BAIT	DO	1,010,200	$43,784
CANNED:			
FISH	STANDARD CASES	96,816	394,789
ROE	DO	29,331	369,690
ANIMAL FOOD	DO	87,124	339,704
SALTED	POUNDS	5,737,185	588,310
SMOKED	DO	37,094	3,376
MEAL AND SCRAP	TONS	3,746	506,371
OIL	1,000 POUNDS	1,201	86,053
SOLUBLES	TONS	476	30,883
ANCHOVIES:			
FROZEN, DRESSED	POUNDS	(1)	(1)
CANNED:			
IN TOMATO SAUCE	STANDARD CASES	(1)	(1)
PASTE	DO	1,496	112,404
MEAL AND SCRAP	TONS	4,468	675,748
OIL	1,000 POUNDS	773	56,608
BARRACUDA, SMOKED	POUNDS	7,497	4,535
BIGEYE SCAD, SUN-DRIED	DO	(1)	(1)
BLUEFISH FILLETS, FRESH	DO	(1)	(1)
BUFFALOFISH, SMOKED	DO	19,000	17,250
BUTTERFISH, SMOKED	DO	43,500	33,850
CARP:			
FILLETS AND STEAKS, FRESH AND FROZEN	DO	1,296,000	214,600
SMOKED	DO	303,400	125,808
MEAL AND SCRAP	TONS	(1)	(1)
CATFISH:			
DRESSED, SKINS OFF, FROZEN	POUNDS	1,013,447	504,380
FILLETS:			
FRESH AND FROZEN	DO	(1)	(1)
BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)
SPECIALTIES, FROZEN PATTIES, BREADED AND COOKED	DO	(1)	(1)
SMOKED	DO	3,400	2,485
CHUBS:			
CANNED, ANIMAL FOOD	STANDARD CASES	(1)	(1)
SMOKED	POUNDS	7,344,531	4,518,725
COD:			
FILLETS:			
FRESH	DO	6,037,567	2,489,864
FROZEN	DO	4,201,917	1,403,211
BREADED, RAW AND COOKED, FROZEN	DO	195,245	123,976
STEAKS, FRESH AND FROZEN	DO	44,988	13,794
SPECIALTIES:			
FROZEN (CAKES AND PATTIES)	DO	2,458,384	960,388
CANNED (CAKES, FLAKES, ETC.)	STANDARD CASES	(1)	(1)
SALTED	POUNDS	284,880	156,147
SMOKED	DO	185,662	91,685
FREEZE-DRIED	DO	(1)	(1)
SUN-DRIED	DO	(1)	(1)
LUTEFISK	DO	1,167,590	356,277
OIL, LIVER	1,000 POUNDS	(1)	(1)
CUSK:			
FILLETS:			
FRESH	POUNDS	353,866	113,224
FROZEN	DO	17,998	5,168
SALTED	DO	(1)	(1)
DRUM, RED, FILLETS, FROZEN	DO	(1)	(1)
EELS:			
SALTED, FOR BAIT	DO	(1)	(1)
SMOKED	DO	111,200	104,930
FLOUNDERS:			
FILLETS:			
FRESH	DO	33,086,311	15,763,424
FROZEN	DO	16,455,292	6,990,591
BREADED, RAW AND COOKED, FROZEN	DO	5,233,790	2,851,864
STEAKS, BREADED RAW, FROZEN	DO	(1)	(1)
SPECIALTIES, FROZEN BREADED, RAW AND COOKED:			
STUFFED	DO	652,743	474,138
DINNERS, PATTIES, AND IN SAUCES	DO	1,110,663	846,232

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		QUANTITY	VALUE
GROUPERS:			
FILLETS:			
FRESH	POUNDS	196,975	$104,972
FROZEN	DO	189,734	98,320
BREADED RAW, FROZEN	DO	(1)	(1)
STEAKS:			
FRESH	DO	136,646	60,907
FROZEN	DO	65,080	30,151
HADDOCK:			
FILLETS:			
FRESH	DO	22,747,648	10,172,528
FROZEN	DO	17,362,451	6,793,128
BREADED, RAW AND COOKED, FROZEN	DO	1,137,841	579,312
SPECIALTIES:			
FROZEN (AU GRATIN, DINNERS, STUFFED, ETC.)	DO	610,833	398,337
CANNED (FINNAN HADDIE AND CREAMED)	STANDARD CASES	(1)	(1)
SMOKED (INCLUDING FINNAN HADDIE)	POUNDS	123,255	63,716
HAKE:			
HEADED AND DRESSED, FROZEN	DO	24,250	3,395
FILLETS:			
FRESH	DO	266,677	82,110
FROZEN	DO	6,650	1,585
SALTED	DO	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)
OIL	1,000 POUNDS	(1)	(1)
HALIBUT (INCLUDES ALASKA PRODUCTION):			
FILLETS:			
FRESH	POUNDS	241,800	170,085
FROZEN	DO	1,005,464	808,590
BREADED RAW, FROZEN	DO	(1)	(1)
STEAKS:			
FRESH	DO	744,000	449,730
FROZEN	DO	5,516,666	3,300,795
BREADED AND COOKED, FROZEN	DO	(1)	(1)
CHEEKS, FROZEN	DO	30,749	11,750
SPECIALTIES, FROZEN (STICKS, PATTIES, ETC.)	DO	79,831	58,891
CANNED	STANDARD CASES	21	1,673
SMOKED	POUNDS	302,893	125,396
OIL, LIVER	1,000 POUNDS	(1)	(1)
HERRING, LAKE:			
HEADED AND DRESSED	POUNDS	(1)	(1)
FILLETS:			
FRESH	DO	11,920	4,585
FROZEN	DO	8,888	2,859
BREADED RAW, FROZEN	DO	(1)	(1)
SALTED	DO	924,000	280,810
SMOKED	DO	188,600	71,587
ANIMAL FEED	-	-	(1)
HERRING, SEA:			
DRESSED FROZEN	POUNDS	(1)	(1)
BAIT, FROZEN	DO	5,263,430	262,072
CANNED:			
MAINE SARDINES	STANDARD CASES	1,332,544	12,261,590
SPECIALTIES (SPREADS)	DO	(1)	(1)
SPECIALTIES, CURED AND REFRIGERATED:			
BISMARKS, PARTY SNACKS, ETC.	POUNDS	(1)	(1)
IN CREAM AND WINE SAUCES	DO	899,525	480,145
SALTED:			
FISH	DO	11,237,025	3,922,129
ROE	DO	198,475	331,741
EGGS WITH KELP	DO	552,508	605,077
SMOKED	DO	282,851	102,440
MEAL AND SCRAP	TONS	11,860	1,971,118
OIL	1,000 POUNDS	7,882	585,464
SOLUBLES	TONS	(1)	(1)
PEARL ESSENCE	-	-	816,000
PEARL NOVELTIES	-	-	(1)
HERRING, THREAD:			
MEAL AND SCRAP	TONS	(1)	(1)
OIL	1,000 POUNDS	(1)	(1)
JEWFISH STEAKS, FROZEN	POUNDS	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		QUANTITY	VALUE
KING MACKEREL:			
STEAKS, FROZEN	POUNDS	(1)	(1)
CANNED:			
FISH	STANDARD CASES	(1)	(1)
SPECIALTIES (PASTE)	DO	(1)	(1)
SMOKED	POUNDS	(1)	(1)
KING WHITING, STEAKS, FROZEN	DO	(1)	(1)
LAKE TROUT:			
FILLETS:			
FRESH	DO	81,705	$78,449
FROZEN	DO	15,575	13,830
BREADED, RAW, FROZEN	DO	(1)	(1)
SMOKED	DO	57,483	52,238
LINGCOD:			
FILLETS:			
FRESH	DO	1,431,198	365,796
FROZEN	DO	1,040,400	273,819
CANNED (SMOKED AND PASTE)	STANDARD CASES	(1)	(1)
SMOKED	POUNDS	4,796	2,718
LUMPFISH CAVIAR, CANNED	STANDARD CASES	(1)	(1)
MACKEREL:			
ATLANTIC:			
FILLETS, FROZEN	POUNDS	(1)	(1)
CANNED:			
NATURAL	STANDARD CASES	(1)	(1)
IN TOMATO SAUCE	DO	(1)	(1)
SALTED (FILLETS)	POUNDS	266,050	104,460
SMOKED	DO	64,000	30,970
JACK:			
DRESSED FROZEN	DO	(1)	(1)
CANNED:			
NATURAL	STANDARD CASES	358,462	2,879,088
IN TOMATO SAUCE	DO	11,787	113,420
ANIMAL FOOD	DO	(1)	(1)
SMOKED	POUNDS	(1)	(1)
SUN-DRIED	DO	41,200	30,170
MEAL AND SCRAP	TONS	(1)	(1)
OIL	1,000 POUNDS	(1)	(1)
PACIFIC:			
CANNED (NATURAL)	STANDARD CASES	42,527	353,536
SMOKED	POUNDS	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)
MARLIN:			
SPECIALTIES (BREADED, COOKED CAKES)	POUNDS	1,266,633	981,863
CANNED	STANDARD CASES	(1)	(1)
MENHADEN:			
MEAL AND SCRAP	TONS	134,954	20,539,455
OIL	1,000 POUNDS	144,198	10,981,557
SOLUBLES	TONS	60,769	3,725,307
MOONEYE, SMOKED	POUNDS	(1)	(1)
MULLET:			
FRESH AND FROZEN:			
DRESSED	DO	(1)	(1)
ROE	DO	25,510	16,089
SPLIT FOR SMOKING	DO	(1)	(1)
CANNED:			
FISH	STANDARD CASES	(1)	(1)
ROE	DO	(1)	(1)
SALTED:			
FISH	POUNDS	141,980	21,141
ROE	DO	18,970	12,934
OCEAN PERCH:			
ATLANTIC:			
FILLETS:			
FRESH	DO	451,226	128,623
FROZEN	DO	21,213,229	5,614,135
BREADED, RAW AND COOKED, FROZEN	DO	2,133,606	862,336
SPECIALTIES (DINNERS FROZEN, BREADED RAW)	DO	(1)	(1)
MEAL AND SCRAP	TONS	5,922	946,430
OIL	1,000 POUNDS	536	36,163

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		QUANTITY	VALUE
OCEAN PERCH - CONTINUED:			
PACIFIC:			
FILLETS:			
FRESH	POUNDS	2,963,808	$736,203
FROZEN	DO	3,453,688	1,013,390
SPECIALTIES (PATTIES FROZEN, BREADED AND COOKED)	DO	(1)	(1)
PADDLEFISH, SMOKED	DO	(1)	(1)
PERCH FILLETS, FRESH AND FROZEN	DO	(1)	(1)
PIKE OR PICKEREL:			
FILLETS:			
FRESH	DO	162,600	141,290
FROZEN	DO	78,900	61,225
SMOKED	DO	(1)	(1)
POLLOCK:			
FILLETS:			
FRESH	DO	925,069	271,793
FROZEN	DO	1,500,018	336,592
BREADED AND COOKED, FROZEN	DO	(1)	(1)
STEAKS, FRESH AND FROZEN	DO	288,992	68,107
CANNED (FLAKES)	STANDARD CASES	(1)	(1)
SALTED	POUNDS	(1)	(1)
SMOKED (FINNAN HADDIE)	DO	(1)	(1)
OIL, LIVER	1,000 POUNDS	(1)	(1)
POMPANO FILLETS, FROZEN	POUNDS	(1)	(1)
ROCKFISHES:			
FILLETS:			
FRESH	DO	3,920,295	1,006,629
FROZEN	DO	1,900,491	539,791
SMOKED	DO	(1)	(1)
SABLEFISH:			
FILLETS AND STEAKS, FRESH AND FROZEN	DO	31,322	8,607
SPECIALTIES, FRESH (IN RICE WINE MASH)	DO	11,490	9,018
SALTED	DO	143,405	52,452
SMOKED	DO	2,829,491	2,104,830
SUN-DRIED	DO	(1)	(1)
SALMON:			
FRESH AND FROZEN:			
FILLETS	DO	1,196,585	1,177,782
STEAKS	DO	1,690,491	1,273,907
SPECIALTIES (ROE IN RICE WINE AND CAKES)	DO	121,240	165,024
BAIT	DO	1,387,593	155,318
EGGS FOR BAIT	DO	60,420	19,933
CANNED:			
CHINOOK OR KING	STANDARD CASES	83,662	3,481,078
CHUM OR KETA	DO	611,349	14,560,301
PINK	DO	2,068,559	57,148,233
RED OR SOCKEYE	DO	1,385,540	53,830,205
SILVER OR COHO	DO	205,530	6,933,264
STEELHEAD	DO	2,875	122,289
TOTAL	DO	4,357,515	136,075,370
SMOKED	DO	1,389	123,541
CAVIAR	DO	6,052	609,442
EGGS FOR BAIT	DO	11,637	1,253,539
SPECIALTIES (SPREADS, PASTE, CREAMED, SALTED LIVERS, AND SMOKED PASTE)	DO	455	15,661
SALTED:			
SALTED AND PICKLED	POUNDS	131,252	140,501
MILD CURED	DO	4,198,896	3,821,014
CAVIAR	DO	158,061	195,002
EGGS:			
FOR BAIT	DO	26,985	16,018
FOR FOOD	DO	3,481,888	3,032,702
SMOKED	DO	12,568,919	19,667,782
OIL	1,000 POUNDS	(1)	(1)
SARDINES, PACIFIC:			
CANNED	STANDARD CASES	2,581	24,750
SALTED	POUNDS	95,856	12,461

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		QUANTITY	VALUE
SAUGER:			
FILLETS:			
FRESH	POUNDS	296,000	$294,770
FROZEN	DO	47,250	43,500
SEA BASS:			
FILLETS AND STEAKS, FRESH AND FROZEN	DO	188,151	91,719
SMOKED	DO	(1)	(1)
SEA CATFISH FILLETS, FROZEN	DO	(1)	(1)
SEA TROUT:			
DRESSED FROZEN	DO	(1)	(1)
FILLETS:			
FROZEN	DO	(1)	(1)
BREADED RAW, FROZEN	DO	(1)	(1)
SHAD:			
FILLETS, FRESH (BONED)	DO	(1)	(1)
CANNED:			
FISH	STANDARD CASES	7,460	59,223
ROE	DO	1,384	122,117
SPECIALTIES (SMOKED PASTE)	DO	(1)	(1)
SMOKED	POUNDS	67,677	23,689
SHARKS:			
SMOKED	DO	2,286	1,493
FINS AND LEATHERS	-	-	(1)
SHEEPSHEAD, SMOKED	POUNDS	2,500	1,150
SMELT:			
BREADED AND COOKED, FROZEN	DO	145,290	51,261
SMOKED	DO	(1)	(1)
FREEZE-DRIED	DO	(1)	(1)
SNAPPER, RED:			
FILLETS:			
FRESH	DO	50,800	46,480
FROZEN	DO	230,275	223,080
STEAKS, FRESH AND FROZEN	DO	12,600	10,290
SPANISH MACKEREL:			
FILLETS, FRESH AND FROZEN	DO	3,263,994	1,555,017
CANNED	STANDARD CASES	(1)	(1)
STRIPED BASS FILLETS, FRESH AND FROZEN	POUNDS	(1)	(1)
STURGEON:			
ROE, FRESH	DO	(1)	(1)
CANNED:			
SMOKED AND PASTE	STANDARD CASES	587	39,921
CAVIAR	DO	(1)	(1)
SMOKED	POUNDS	1,295,945	2,450,445
SUCKERS, SMOKED	DO	(1)	(1)
SWORDFISH:			
STEAKS:			
FRESH	DO	256,375	179,499
FROZEN	DO	998,897	603,838
SPECIALTIES, FROZEN (IN LEMON BUTTER SAUCE)	DO	(1)	(1)
SMOKED	DO	12,701	11,145
TENPOUNDER SPECIALTIES, MIX	DO	(1)	(1)
TRIGGERFISH, FILLETS, FRESH	DO	(1)	(1)
TUNA:			
ALBACORE FILLETS, FRESH	DO	(1)	(1)
SPECIALTIES, FROZEN:			
WITH NOODLES	DO	511,430	85,835
OTHER (AU GRATIN, PIES, AND SALAD MIX)	DO	1,525,249	548,008
CANNED:			
ALBACORE	STANDARD CASES	6,574,083	95,812,245
LIGHTMEAT	DO	13,379,484	174,426,808
TOTAL	DO	19,953,567	270,239,053
SPECIALTIES:			
SMOKED, CREAMED, SPREADS AND SALAD MIX	DO	29,837	946,543
WITH NOODLES AND BEANS	DO	31,236	430,651
ANIMAL FOOD	DO	1,674,444	20,180,214
SALTED (PASTE)	POUNDS	(1)	(1)
SMOKED	DO	40,301	38,130
FREEZE-DRIED	DO	(1)	(1)
SUN-DRIED	DO	114,718	147,975

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		QUANTITY	VALUE
TUNA - CONTINUED:			
MEAL AND SCRAP	TONS	24,896	$3,132,409
OIL:			
BODY	1,000 POUNDS	4,086	301,363
LIVER	DO	(1)	(1)
SOLUBLES	TONS	(1)	(1)
TUNALIKE FISH (BONITO AND YELLOWTAIL):			
FILLETS, FRESH	POUNDS	(1)	(1)
CANNED	STANDARD CASES	229,014	1,828,935
SMOKED	POUNDS	35,084	21,040
WAHOO:			
CANNED	STANDARD CASES	(1)	(1)
SMOKED	POUNDS	(1)	(1)
WHITE BASS FILLETS, FRESH AND FROZEN	DO	25,550	12,798
WHITEFISH:			
FILLETS:			
FRESH	DO	491,020	374,614
FROZEN	DO	98,291	54,451
BREADED, RAW, FROZEN	DO	(1)	(1)
CANNED:			
FISH	STANDARD CASES	(1)	(1)
CAVIAR	DO	2,733	213,661
SMOKED	POUNDS	2,304,977	2,142,050
WHITING:			
HEADED AND DRESSED, FRESH AND FROZEN	DO	38,838,168	5,633,830
FILLETS:			
FRESH	DO	255,435	58,599
FROZEN	DO	2,182,461	558,651
BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)
SMOKED	DO	522,555	203,714
WOLFFISH FILLETS:			
FRESH	DO	22,869	9,243
FROZEN	DO	187,680	73,710
YELLOW PERCH:			
FILLETS:			
FRESH	DO	2,381,945	1,512,117
FROZEN	DO	462,575	305,382
BREADED RAW, FRESH AND FROZEN	DO	249,664	140,486
SMOKED	DO	(1)	(1)
YELLOW PIKE FILLETS:			
FRESH	DO	385,530	351,524
FROZEN	DO	140,050	133,413
BREADED RAW, FROZEN	DO	(1)	(1)
CRABS:			
BLUE, HARD (INCLUDES ROCK CRABS):			
FRESH AND FROZEN, COOKED MEAT	DO	17,480,696	20,774,499
SPECIALTIES, FROZEN:			
CAKES AND PATTIES	DO	4,760,219	3,265,017
DEVILED	DO	3,692,668	2,882,539
STUFFED	DO	123,613	100,168
OTHER (BURGERS, CUTLETS, STICKS, SOFT SHELL, IMPERIAL, COCKTAILS, ETC.)	DO	978,463	614,791
CANNED:			
REGULAR	STANDARD CASES	48,493	1,233,186
SPECIALTIES (BISQUE, SOUPS, DEVILED, DIPS, NEWBURGS AND SPREADS)	DO	30,473	557,390
BACK SHELLS, CLEANED AND POLISHED	-	-	(1)
MEAL AND SCRAP	TONS	11,000	553,594
DUNGENESS:			
FRESH AND FROZEN:			
COOKED MEAT	POUNDS	4,714,671	5,215,092
SECTIONS	DO	1,443,433	519,608
WHOLE	DO	135,324	43,678
SPECIALTIES (COCKTAILS AND DIPS)	DO	(1)	(1)
CANNED:			
REGULAR	STANDARD CASES	(2)	(2)
SPECIALTIES (SMOKED, PASTE, ETC.)	DO	173	9,428
MEAL AND SCRAP	TONS	237	15,035
KING:			
FRESH AND FROZEN:			
COOKED MEAT	POUNDS	25,213,779	26,000,275
SECTIONS	DO	12,157,815	5,277,183
SPECIALTIES (CAKES, SALAD MIX AND IN DRESSING)	DO	328,482	286,726

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		QUANTITY	VALUE
CRABS - CONTINUED:			
KING:			
CANNED, REGULAR	STANDARD CASES	515,705	$15,211,276
FREEZE-DRIED	POUNDS	(1)	(1)
STONE, CLAWS, COOKED FROZEN	DO	(1)	(1)
CRAWFISH:			
COOKED MEAT, FRESH	DO	99,850	138,145
SPECIALTIES:			
FRESH AND FROZEN (BISQUE, FLAVORING, CAKES AND PATTIES)	DO	53,172	74,659
CANNED (BISQUE)	STANDARD CASES	(1)	(1)
LOBSTERS:			
NORTHERN:			
FRESH AND FROZEN, COOKED MEAT	POUNDS	1,028,424	4,250,912
FROZEN, WHOLE	DO	(1)	(1)
SPECIALTIES:			
FROZEN (PATTIES, BREADED AND COOKED)	DO	(1)	(1)
CANNED (MEAT, DIPS, SPREADS, NEWBURGS, ETC.)	STANDARD CASES	12,161	302,838
SPINY:			
FRESH AND FROZEN:			
WHOLE, RAW AND COOKED	POUNDS	2,425,259	1,708,393
TAILS, RAW	DO	496,763	934,204
MEAT, COOKED	DO	(1)	(1)
SPECIALTIES (COCKTAILS)	DO	(1)	(1)
SHRIMP:			
FRESH AND FROZEN:			
RAW, HEADLESS	DO	62,210,058	60,093,931
PEELED (INCLUDING DEVEINED):			
RAW	DO	24,727,360	33,316,077
COOKED	DO	5,403,249	9,170,188
BREADED (RAW AND COOKED)	DO	104,926,225	94,168,578
SPECIALTIES:			
BURGERS	DO	250,392	161,600
COCKTAILS (REFRIGERATED)	DO	4,462,562	4,098,519
STEAKS	DO	149,647	136,434
STUFFED	DO	964,016	993,682
DINNERS	DO	867,039	827,737
OTHER (BISQUE, CREOLES, GUMBOS, PORTIONS, ETC.)	DO	2,959,430	1,801,963
CANNED:			
REGULAR	STANDARD CASES	2,103,925	21,973,348
SPECIALTIES (SOUPS, BISQUE, CHOWDERS, ETC.)	DO	16,618	341,749
CURED:			
FREEZE-DRIED	POUNDS	(1)	(1)
SUN-DRIED	DO	339,540	685,388
MEAL AND SCRAP	TONS	506	23,200
ABALONE:			
SHUCKED MEATS, FRESH	POUNDS	4,900	6,125
STEAKS:			
FRESH AND FROZEN	DO	811,390	1,349,637
BREADED RAW, FROZEN	DO	(1)	(1)
SPECIALTIES, FROZEN (PATTIES, BREADED RAW)	DO	(1)	(1)
CLAMS:			
SHUCKED, FRESH AND FROZEN:			
HARD (INCLUDING SURF AND OCEAN QUAHOG)	GALLONS	2,821,892	7,499,744
RANGIA	DO	(1)	(1)
RAZOR	DO	2,401	24,336
SOFT	DO	948,579	5,713,881
SPECIALTIES, FROZEN:			
BREADED RAW AND COOKED	POUNDS	1,544,270	1,637,734
OTHER (CUTLETS, STICKS, COCKTAILS, ETC.)	DO	3,880,750	2,580,650
CANNED:			
WHOLE AND MINCED:			
HARD, SOFT AND SURF	STANDARD CASES	585,893	7,224,113
RAZOR	DO	1,022	30,023
CHOWDER AND JUICE (HARD, SOFT AND SURF)	DO	2,033,032	13,870,782
SPECIALTIES (BISQUE, IN SHELL, ETC.)	DO	80,642	1,565,216
CONCHS:			
FRESH AND FROZEN:			
MEAT	POUNDS	336,471	169,502
STEAMED	DO	(1)	(1)
SPECIALTIES (IN TOMATO SAUCE)	DO	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		QUANTITY	VALUE
CONCHS - CONTINUED:			
CANNED:			
MEAT	STANDARD CASES	6,508	$188,234
SPECIALTIES (CHOWDERS)	DO	(1)	(1)
MUSSELS, SEA:			
SPECIALTIES, FROZEN (IN TOMATO SAUCE)	POUNDS	(1)	(1)
CANNED (MEAT AND BISQUE)	STANDARD CASES	(1)	(1)
MUSSELS, FRESH-WATER (SHELL PRODUCTS):			
BUTTONS	GROSS	(1)	(1)
LIME AND CHIPS	TONS	(1)	(1)
OCTOPUS:			
FRESH, WHOLE, COOKED	POUNDS	(1)	(1)
FROZEN RAW, FOR BAIT	DO	117,300	38,709
SUN-DRIED	DO	(1)	(1)
OYSTERS:			
EASTERN:			
SHUCKED, FRESH AND FROZEN	GALLONS	3,604,190	28,230,102
STEAMED	POUNDS	697,200	1,527,000
FROZEN:			
BREADED, RAW AND COOKED	DO	3,609,989	3,435,191
SPECIALTIES (STEWS, PIES, ETC.)	DO	604,146	262,788
PACIFIC:			
SHUCKED, FRESH AND FROZEN	GALLONS	783,253	4,075,274
BREADED RAW, FROZEN	POUNDS	44,330	34,110
WESTERN, SHUCKED, FRESH AND FROZEN	GALLONS	4,688	153,772
CANNED:			
REGULAR (EASTERN AND PACIFIC)	STANDARD CASES	200,000	3,201,143
SPECIALTIES:			
SMOKED	DO	545	45,955
STEWS	DO	280,617	3,947,201
BISQUE, SOUPS, ETC.	DO	1,750	25,270
ANIMAL FOOD	DO	(1)	(1)
SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY GRIT	TONS	244,847	3,780,125
LIME, BURNED AND UNBURNED	DO	89,365	535,000
SCALLOPS:			
SHUCKED, FRESH AND FROZEN:			
BAY	GALLONS	204,970	1,852,356
CALICO	DO	226,230	1,070,519
SEA	POUNDS	3,656,601	2,384,185
BREADED, FROZEN:			
RAW	DO	3,695,599	2,522,755
COOKED	DO	4,759,082	3,997,718
SPECIALTIES:			
FROZEN (IN SAUCES AND DINNERS)	DO	983,774	810,077
CANNED (IN SAUCES)	STANDARD CASES	(1)	(1)
SQUID:			
FROZEN:			
NATURAL	POUNDS	6,810,074	816,040
IN TOMATO SAUCE	DO	(1)	(1)
CANNED	STANDARD CASES	236,728	1,147,515
TURTLE:			
MEAT, FROZEN (INCLUDING STEAKS)	POUNDS	44,431	31,420
CANNED (MEAT, SOUPS, ETC.)	STANDARD CASES	14,190	273,004
OIL	1,000 POUNDS	(1)	(1)
FROG LEGS, FROZEN	POUNDS	(1)	(1)
WHALE:			
MEAT, FROZEN	DO	2,227,304	178,153
MEAL AND SCRAP	TONS	1,094	131,300
OIL:			
SPERM	1,000 POUNDS	551	32,777
OTHER	DO	1,511	90,112
UNCLASSIFIED:			
FRESH AND FROZEN PACKAGED:			
FISH:			
FILLETS AND STEAKS, RAW, NOT BREADED	POUNDS	1,572,255	859,411
STICKS, BREADED:			
RAW	DO	4,450,562	1,716,878
COOKED	DO	76,963,565	34,070,034
PORTIONS:			
RAW:			
NOT BREADED	DO	4,060,958	1,687,498
BREADED	DO	110,173,782	42,701,861
BREADED AND COOKED	DO	33,346,167	13,623,722
FILLETS AND STEAKS, BREADED, RAW AND COOKED	DO	1,922,615	984,281

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

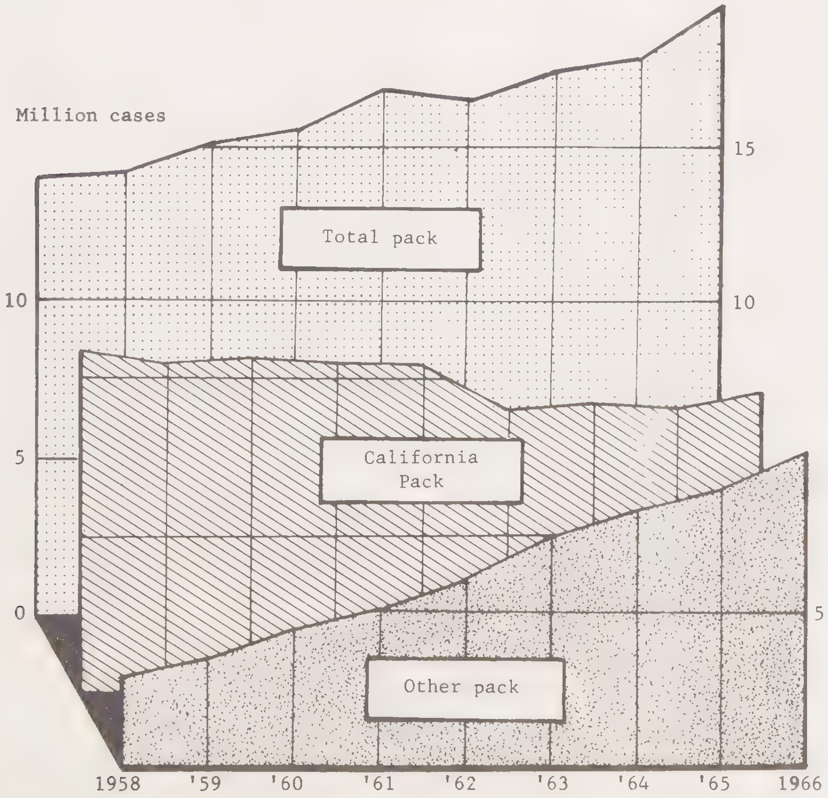
ITEM		QUANTITY	VALUE
UNCLASSIFIED - CONTINUED:			
FRESH AND FROZEN PACKAGED - CONTINUED:			
FISH AND SHELLFISH:			
CAKES RAW, BREADED AND COOKED	POUNDS	4,825,266	$1,940,859
DINNERS, BREADED, RAW AND COOKED	DO	7,951,013	5,456,617
SPECIALTIES	DO	9,700,653	7,293,663
CANNED FISH AND SHELLFISH:			
GEFILTEFISH	STANDARD CASES	337,318	5,037,158
ANIMAL FOOD	DO	5,861,674	34,094,288
MISCELLANEOUS (CHOWDERS, GUMBOS, AND UNCLASSIFIED FISH AND SHELLFISH)	DO	173,883	4,440,738
CURED:			
SALTED	POUNDS	6,270,086	3,402,942
SMOKED	DO	206,520	146,124
DRIED (INCLUDES FREEZE-DRIED)	DO	388,282	1,939,672
MEAL AND SCRAP	TONS	25,470	3,820,953
OIL (INCLUDES LIVER)	1,000 POUNDS	4,454	351,434
FISH SOLUBLES	TONS	22,196	1,404,181
OTHER (AGAR AGAR, FISH FEED PELLETS, KELP PRODUCTS, LIQUID FERTILIZERS, IRISH MOSS EXTRACT, ETC.)	-	-	17,924,716
GRAND TOTAL	-	-	1,231,316,099

1/ INCLUDED WITH UNCLASSIFIED.

2/ THE PRODUCTION OF CANNED DUNGENESS CRABMEAT HAS BEEN INCLUDED WITH KING CRAB.

NOTE:--SOME OF THE ABOVE ITEMS HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM FOREIGN COUNTRIES; THEREFORE, THE PRODUCTION CANNOT BE CORRELATED DIRECTLY WITH THE CATCH. CERTAIN ITEMS, SUCH AS SALTED ALEWIVES, MILD-CURED SALMON, AND STEAMED OYSTERS, ETC., ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING. THE LIME AND POULTRY FEED MANUFACTURED FROM SHELL PRODUCTS WERE PROCESSED FROM LIVE AND REEF MOLLUSK SHELLS THAT ARE NOT INCLUDED IN THE CATCH STATISTICS.

U.S. CANNED TUNA PACK, 1958-66



CURED FISHERY PRODUCTS, 1966

ITEM	POUNDS	VALUE
SALTED (INCLUDES SPICED AND PICKLED):		
ALEWIVES	5,737,185	$588,310
COD	1,452,470	512,424
LAKE HERRING	924,000	280,810
SEA HERRING	12,887,533	5,339,092
MACKEREL, ATLANTIC	266,050	104,460
MULLET	160,950	34,075
SABLEFISH	143,405	52,452
SALMON	7,997,082	7,205,237
SARDINES, PACIFIC	95,856	12,461
OTHER (CUSK, EELS, HAKE, SEA HERRING, POLLOCK AND TUNA)	6,270,086	3,402,942
TOTAL	35,934,617	17,532,263
SMOKED:		
ALEWIVES	37,094	3,376
BARRACUDA	7,497	4,535
BONITO	29,330	16,480
BUFFALOFISH	19,000	17,250
BUTTERFISH	43,500	33,850
CARP	303,400	125,808
CATFISH	3,400	2,485
CHUBS	7,344,531	4,518,725
COD	185,662	91,685
EELS	111,200	104,930
HADDOCK	123,255	63,716
HALIBUT	302,893	125,396
LAKE HERRING	188,600	71,587
SEA HERRING	282,851	102,440
LAKE TROUT	57,483	52,238
LINGCOD	4,794	2,718
MACKEREL, ATLANTIC	64,000	30,970
SABLEFISH	2,829,491	2,104,830
SALMON	12,568,919	19,667,782
SHAD	67,677	23,689
SHARKS	2,286	1,493
SHEEPSHEAD	2,500	1,150
STURGEON	1,295,945	2,450,445
SWORDFISH	12,701	11,145
TUNA	40,301	38,130
WHITEFISH	2,304,977	2,142,050
WHITING	522,555	203,714
YELLOWTAIL	5,754	4,560
OTHER (KING MACKEREL, PACIFIC MACKEREL, JACK MACKEREL, MOONEYE, PADDLEFISH, PIKE OR PICKEREL, POLLOCK, ROCKFISHES, SEA BASS, SMELT, SUCKERS, WAHOO, YELLOW PERCH AND UNCLASSIFIED)	206,520	146,124
TOTAL	28,968,116	32,163,301
SUN-DRIED:		
MACKEREL, JACK	41,200	30,170
TUNA	114,718	147,975
SHRIMP	339,540	685,388
OTHER (BIGEYE SCAD, COD, SABLEFISH, SMELT, TUNA, KING CRAB, SHRIMP, OCTOPUS AND UNCLASSIFIED)	388,282	1,939,672
TOTAL	883,740	2,803,205
FREEZE-DRIED, UNCLASSIFIED	(1)	(1)
GRAND TOTAL	65,786,473	52,498,769

1/ INCLUDED WITH OTHER SUN-DRIED PRODUCTS.

NOTE:--PRODUCTS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

CANNED FISHERY PRODUCTS, 1966

The pack of canned fishery products in the United States, American Samoa, and Puerto Rico was 40.8 million standard cases (1.2 billion pounds) worth a record $563.7 million to the packers--an increase of 2.4 million cases and $68.5 million compared with 1965. The production gain resulted principally from record packs of tuna, crab meat, and clam products; and from increases in the packs of salmon, Maine sardines, alewives, and tunalike fish. The packs of Pacific mackerel, Pacific sardines, oysters, shrimp, and animal food were smaller than in the previous year.

Compared with 1965, the pack for human consumption (822.4 million pounds) increased 72.9 million, but the pack for bait and animal food (365.2 million) declined 6.9 million pounds. The value of three items--salmon, tuna, and animal food--accounted for 82 percent of the total value received by producers of canned fishery products. Animal food containing less than 10 pounds of fish per standard case of 48 pounds (4,381,810 standard cases worth $19,591,318) has been excluded from the tabulations.

Tuna. The pack of tuna was a record 20.0 million cases (394.3 million pounds) worth a record $270.2 million--a gain of 1.9 million cases (35.9 million pounds) and $37.3 million compared with the previous year. The Pacific coast led in production with 56 percent of the pack, followed by Puerto Rico with 29 percent; Hawaii and American Samoa, 14 percent, and Atlantic coast, 1 percent. In 1955, a combination of all areas other than California accounted for 17 percent of the pack; in 1966, they accounted for 52 percent. The gain occurred chiefly because of increased production in Puerto Rico and American Samoa.

Imports of tuna were up sharply in 1966. The quantity of canned tuna available (U.S. pack from both domestic and foreign fish and imported canned tuna) was a record 455.8 million pounds.

Salmon. The salmon pack of 4.4 million cases worth a record $136.1 million was 724,000 cases and $13.3 million more than in 1965, and the largest pack since 1952. Alaska accounted for 92 percent of the volume and 89 percent of the value.

Sardines. The pack of Pacific sardines, 2,581 cases worth $24,750 was the smallest on record. The Pacific sardine fishery which at one time produced the largest landings in the United States, has been on a downward trend for the last two decades.

The pack of Maine sardines (sea herring) was 1.3 million cases worth $12.3 million--65,600 cases and $1.4 million more than in the previous year. Maine landings of sea herring were one of the smallest in recent years, but imports of fresh Canadian sea herring (used principally for canning and reduction in Maine) were considerably greater than in 1965.

Mackerel. The pack of mackerel (412,800 cases worth $3.3 million) was 290,700 cases less than in the previous year. Jack mackerel accounted for 90 percent of the pack.

Shrimp. The pack of shrimp was 2.1 million cases (24 cans to a case, each case containing 4-1/2 ounces of meats) worth a record $22.0 million--a decline of 212,000 cases but a gain of $1.3 million compared with a year earlier. The Gulf States pack was considerably less than in the previous year but in the Pacific Coast States, canning increased from 164,000 cases in 1965 to 198,000 cases in 1966.

Clams. The pack of clams and clam products was a record 2.6 million cases worth a record $21.1 million--an increase of 61,000 cases and $3.0 million compared with the previous year. Whole and minced clams accounted for 22 and 34 percent, respectively, of the volume and value of the pack.

Crabs. The record pack of crab meat, 564,200 cases, was worth a record $16.4 million--a gain of 95,500 cases and $1.7 million compared with 1965. The Alaska king crab pack accounted for 79 percent of the volume and 80 percent of the value.

Oysters. The oyster pack of 200,000 cases worth $3.2 million was 88,000 cases and $499,500 less than a year earlier. Production of oyster specialties (smoked, stew, bisque, and soup) was 282,900 cases--compared with 154,900 in 1965.

Animal food. The pack of animal food containing 10 pounds or more of raw fish per standard case (48 one-pound cans) was 7.6 million cases worth $54.6 million--a decline of 2 percent in volume but a gain of 17 percent in value compared with the previous year.

SUMMARY OF PRODUCTION, BY COMMODITIES, 1966

PRODUCT	NUMBER OF PLANTS	STANDARD CASES	POUNDS PER CASE	POUNDS	VALUE
CANNED PRODUCTS:					
FOR HUMAN CONSUMPTION:					
SALMON	112	4,357,515	48	209,160,720	$136,075,370
SARDINES:					
MAINE	23	1,332,544	23.4	31,181,530	12,261,590
PACIFIC	3	2,581	45	116,145	24,750
TUNA:					
SOLID	28	4,824,047	21	101,304,987	74,423,998
CHUNKS	26	13,754,456	19.5	268,211,892	183,263,258
FLAKES AND GRATED	24	1,375,064	18	24,751,152	12,551,797
TOTAL	1/28	19,953,567	-	394,268,031	270,239,053
TUNALIKE FISH	7	229,014	21-19.5-18	4,426,091	1,828,935
ALEWIVES	8	96,816	45	4,356,720	394,789
MACKEREL	8	412,776	45	18,574,920	3,346,044
SHAD	3	7,460	45	335,700	59,223
GEFILTEFISH	3	337,318	48	16,191,264	5,037,158
SALMON, SMOKED	28	1,389	48	66,672	123,541
STURGEON, SMOKED AND SPREADS	12	587	48	28,176	39,921
TUNA SPECIALTIES:					
SMOKED, CREAMED, SPREADS, ETC.	10	29,837	48	1,432,176	946,543
WITH NOODLES AND BEANS	4	31,236	48	1,499,328	430,651
ANCHOVY PASTE	4	1,496	48	71,808	112,404
MISCELLANEOUS FISH SPECIALTIES	24	163,775	48	7,861,200	2,300,053
FISH ROE AND CAVIAR	22	47,994	48	2,303,712	3,437,246
TOTAL FISH	-	27,005,905	-	691,874,193	436,657,271
CRAB MEAT	22	564,198	19.5	11,001,861	16,444,462
CRAB MEAT SPECIALTIES	9	30,646	48	1,471,008	566,818
LOBSTER MEAT AND SPECIALTIES	6	12,161	48	583,728	302,838
SHRIMP	34	2,103,925	6.75	2/14,201,494	21,973,348
SHRIMP SPECIALTIES	9	16,618	48	797,664	341,749
CLAMS AND CLAM PRODUCTS:					
WHOLE	9	13,542	15	3/203,130	265,366
MINCED	15	573,373	15	3/8,600,595	6,988,770
CHOWDER	16	1,891,032	30	3/56,730,960	13,100,822
JUICE	10	142,000	30	3/4,260,000	769,960
TOTAL	1/33	2,619,947	-	3/69,794,685	21,124,918
CLAM SPECIALTIES	13	80,642	48	3,870,816	1,565,216
CONCH MEAT	3	6,508	48	312,384	188,234
OYSTERS	20	200,000	14	2/2,800,000	3,201,143
OYSTER SPECIALTIES:					
SMOKED	5	545	48	26,160	45,955
STEWS	7	280,617	48	13,469,616	3,947,201
BISQUE, SOUPS, ETC.	5	1,750	48	84,000	25,270
SQUID	8	236,728	48	11,362,944	1,147,515
TURTLE MEAT, SOUPS AND STEWS	6	14,190	48	681,120	273,004
MISCELLANEOUS SHELLFISH SPECIALIES	6	2,103	48	100,944	36,189
TOTAL SHELLFISH	-	6,170,578	-	130,558,424	71,183,860
TOTAL FOR HUMAN CONSUMPTION	-	33,176,483	-	822,432,617	507,841,131
BAIT AND ANIMAL FOOD:					
ANIMAL FOOD	52	7,596,229	48	364,618,992	54,613,700
SALMON EGGS FOR BAIT	8	11,637	48	558,576	1,253,539
TOTAL BAIT AND ANIMAL FOOD	1/60	7,607,866	-	365,177,568	55,867,239
GRAND TOTAL	1/ 303	40,784,349	-	1,187,610,185	563,708,370

1/ EXCLUSIVE OF DUPLICATION.

2/ DRAINED WEIGHT.

3/ "CUT OUT" OR "DRAINED" WEIGHT OF CAN CONTENTS ARE GIVEN FOR WHOLE OR MINCED CLAMS, AND NET CAN CONTENTS FOR OTHER CLAM PRODUCTS.

NOTE:--LIST OF CANNERS OF FISHERY PRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE OFFICE OF INFORMATION, U.S. FISH AND WILDLIFE SERVICE, WASHINGTON, D.C. 20240

VALUE OF PRODUCTION, BY STATES, 1966

STATE	CANNED FISHERY PRODUCTS
	VALUE
MAINE	$18,082,925
MASSACHUSETTS, AND CONNECTICUT	16,342,734
NEW YORK	5,752,939
NEW JERSEY	16,342,310
PENNSYLVANIA AND DELAWARE	5,381,504
MARYLAND	3,986,593
VIRGINIA	1,226,793
NORTH CAROLINA AND SOUTH CAROLINA	1,855,393
FLORIDA AND TEXAS	579,026
MISSISSIPPI	14,456,316
LOUISIANA	17,278,990
ILLINOIS, KANSAS AND NEBRASKA	304,792
OHIO, MICHIGAN AND WISCONSIN	1,606,258
ALASKA	135,022,271
WASHINGTON	22,487,969
OREGON	25,496,623
CALIFORNIA	153,154,965
HAWAII AND AMERICAN SAMOA	40,301,016
PUERTO RICO	84,048,953
TOTAL	563,708,370

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

PRODUCT	1940 AND PRIOR YEARS	1941	1942	1943	1944 TO 1947
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:					
MAINE	25	25	20.3	20.3	20.3
PACIFIC	48	48	45	45	45
TUNA AND TUNALIKE FISHES:					
SOLID	24	21	22.5	22.5	21
CHUNKS	-	-	-	-	(1)
FLAKES	24	21	18	18	18
MACKEREL	48	48	45	45	45
ALEWIVES	48	48	48	45	45
ANCHOVIES	48	48	48	48	48
SHAD	48	48	48	48	45
FISH FLAKES	48	48	48	48	42
OYSTERS	15	15	15	22.5	22.5
SHRIMP, WET PACK	17.25	17.25	21	21	21
CLAM PRODUCTS:					
WHOLE AND MINCED	15	15	15	15	15
JUICE, CHOWDER, ROTH, ETC.	30	30	30	30	30
CRABS	[2]39	39	39	39	39
ALL OTHER	48	48	48	48	48

PRODUCT	1948 TO 1951	1952	1953 TO 1957	1958 TO 1964	1965 TO 1966
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:					
MAINE	20.3	20.3	20.3	23.4	23.4
PACIFIC	45	45	45	45	45
TUNA AND TUNALIKE FISHES:					
SOLID	21	21	21	21	21
CHUNKS	(1)	19.5	19.5	19.5	19.5
FLAKES	18	18	18	18	18
MACKEREL	45	45	45	45	45
ALEWIVES	45	45	45	45	45
ANCHOVIES	48	48	31.25	31.25	31.25
SHAD	45	45	45	45	45
FISH FLAKES	42	42	48	48	48
OYSTERS	14	14	14	14	14
SHRIMP, WET PACK	15	15	15	15	6.75
CLAM PRODUCTS:					
WHOLE AND MINCED	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30	30
CRABS	19.5	19.5	19.5	19.5	19.5
ALL OTHER	48	48	48	48	48

[1] PRIOR TO 1952 CHUNK PACK TUNA WAS INCLUDED WITH THE FLAKE PACK. [2] PRIOR TO 1939 THE PACK OF CRAB MEAT CONTAINED 48 POUNDS PER CASE.

NOTE:--THE FACTORS LISTED ABOVE WERE USED IN CONVERTING THE STANDARD CASES REPORTED IN THE CANNED FISHERY PRODUCTS BULLETINS FOR THE YEARS INDICATED.

PLANTS PRODUCING CANNED FISHERY PRODUCTS, 1966

AREA AND STATE	NUMBER OF PLANTS
NEW ENGLAND:	
MAINE	26
MASSACHUSETTS	4
CONNECTICUT	1
TOTAL	31
MIDDLE ATLANTIC:	
NEW YORK	9
NEW JERSEY	14
PENNSYLVANIA	6
DELAWARE	1
TOTAL	30
CHESAPEAKE BAY:	
MARYLAND	4
VIRGINIA	9
TOTAL	13
SOUTH ATLANTIC AND GULF:	
NORTH CAROLINA	4
SOUTH CAROLINA	2
FLORIDA	3
MISSISSIPPI	11
LOUISIANA	20
TEXAS	2
TOTAL	42
GREAT LAKES AND MISSISSIPPI RIVER:	
ILLINOIS	1
KANSAS	1
MICHIGAN	1
NEBRASKA	1
OHIO	1
WISCONSIN	2
TOTAL	7
PACIFIC COAST:	
ALASKA	85
WASHINGTON	52
OREGON	15
CALIFORNIA	21
TOTAL	173
HAWAII	1
AMERICAN SAMOA	2
PUERTO RICO	4
GRAND TOTAL	303

PACK OF SALMON, 1966

(STANDARD CASES)

SPECIES	ALASKA		WASHINGTON	
	CASES	VALUE	CASES	VALUE
CHINOOK OR KING. . .	34,832	$1,317,902	11,273	$378,823
CHUM OR KETA	585,405	13,922,081	25,851	635,996
PINK	2,015,971	55,546,560	52,588	1,601,673
RED OR SOCKEYE . . .	1,237,300	46,176,237	144,942	7,442,741
SILVER OR COHO . . .	116,917	3,583,908	39,709	1,349,964
TOTAL	3,990,425	120,546,688	274,363	11,409,197

SPECIES	OREGON		TOTAL	
	CASES	VALUE	CASES	VALUE
CHINOOK OR KING. . .	1/ 37,557	1/ $1,784,353	83,662	$3,481,078
CHUM OR KETA	93	2,224	611,349	14,560,301
PINK	-	-	2,068,559	57,148,233
RED OR SOCKEYE . . .	3,298	211,227	1,385,540	53,830,205
SILVER OR COHO . . .	48,904	1,999,392	205,530	6,933,264
STEELHEAD.	2,875	122,289	2,875	122,289
TOTAL	92,727	4,119,485	4,357,515	136,075,370

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CANS CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 16 OUNCES. SALMON WERE CANNED IN 33 PLANTS IN WASHINGTON; 8 IN OREGON; 70 IN ALASKA; AND 1 IN CALIFORNIA. THE PACK OF SMOKED SALMON IS INCLUDED IN THE TABLE "PACK OF MISCELLANEOUS FISHERY PRODUCTS".

PACK OF SALMON, BY CAN SIZES, 1966

(STANDARD CASES)

STATE AND SPECIES	CAN SIZE							
	4-POUND TALL		1-POUND TALL		1/2-POUND FLAT		1/4-POUND FLAT	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
ALASKA:								
CHINOOK OR KING. .	91	$2,726	7,969	$234,376	25,756	$1,042,921	1,016	$37,879
CHUM OR KETA.. . .	30,603	744,673	465,416	10,876,734	53,504	1,439,494	35,882	861,180
PINK	73,046	2,093,060	1,699,393	45,284,320	242,358	8,137,482	1,174	31,698
RED OR SOCKEYE . .	16,887	622,634	837,786	28,585,459	330,227	14,264,535	52,400	2,703,609
SILVER OR COHO . .	10,515	325,012	86,490	2,552,705	18,421	646,372	1,491	59,819
TOTAL.	131,142	3,788,105	3,097,054	87,533,594	670,266	25,530,804	91,963	3,694,185
WASHINGTON:								
CHINOOK OR KING. .	849	25,368	4,222	117,684	5,635	204,386	567	31,385
CHUM OR KETA . . .	5,811	145,109	10,225	233,007	9,808	257,648	7	232
PINK	19,494	565,326	12,672	354,816	20,405	680,928	17	603
RED OR SOCKEYE . .	5,440	206,739	706	24,073	103,774	5,119,009	35,022	2,092,920
SILVER OR COHO . .	5,495	175,824	5,521	160,243	20,548	660,255	8,145	353,642
TOTAL.	37,089	1,118,366	33,346	889,823	160,170	6,922,226	43,758	2,478,782
OREGON:								
CHINOOK OR KING. .	-	-	2,440	105,150	1/33,150	1/1,553,995	1,967	125,208
CHUM OR KETA . . .	-	-	-	-	93	2,224	-	-
RED OR SOCKEYE . .	-	-	-	-	891	50,313	2,407	160,914
SILVER OR COHO . .	-	-	434	10,747	20,570	744,098	27,900	1,244,547
STEELHEAD.	-	-	-	-	838	34,400	2,037	87,889
TOTAL.	-	-	2,874	115,897	55,542	2,385,030	34,311	1,618,558
GRAND TOTAL. .	168,231	4,906,471	3,133,274	88,539,314	885,978	34,838,060	170,032	7,791,525

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

WASHINGTON AND OREGON SALMON PACK, BY DISTRICTS, 1966

(STANDARD CASES)

SPECIES	PUGET SOUND		COLUMBIA RIVER		COASTAL		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING. . .	5,885	$168,750	42,099	$1,963,431	1/846	1/$30,995	48,830	$2,163,176
CHUM OR KETA	25,174	621,553	184	4,408	586	12,259	25,944	638,220
PINK	52,588	1,601,673	-	-	-	-	52,588	1,601,673
RED OR SOCKEYE . . .	144,299	7,411,008	3,466	219,967	475	22,993	148,240	7,653,968
SILVER OR COHO . . .	36,747	1,244,208	51,586	2,094,748	280	10,400	88,613	3,349,356
STEELHEAD.	-	-	2,875	122,289	-	-	2,875	122,289
TOTAL.	264,693	11,047,192	100,210	4,404,843	2,187	76,647	367,090	15,528,682

1/ INCLUDES A SMALL PACK FROM CALIFORNIA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 16 OUNCES.

PUGET SOUND SALMON PACK BY ORIGIN OF FISH, 1966

(STANDARD CASES)

SPECIES	PUGET SOUND FISH	ALASKAN FISH	TOTAL FISH
	CASES	CASES	CASES
CHINOOK OR KING.	5,658	1/ 227	5,885
CHUM OR KETA	2,859	1/ 22,315	25,174
PINK	330	52,258	52,588
RED OR SOCKEYE	132,133	12,166	144,299
SILVER OR COHO	24,428	1/ 12,319	36,747
TOTAL.	165,408	1/ 99,285	264,693

1/ INCLUDES A SMALL PACK FROM CANADIAN FISH.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 16 OUNCES.

PACK OF MAINE SARDINES, 1966 [1/]

STYLE OF PACK	STANDARD CASES	VALUE
IN SOYBEAN OIL	1,053,584	$10,267,727
IN MUSTARD SAUCE	167,967	1,368,575
IN TOMATO SAUCE.	103,795	560,267
OTHER (NATURAL, IN BRINE OR OLIVE OIL)	7,198	65,021
TOTAL.	1,332,544	12,261,590

1/ INCLUDES SEA HERRING.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE UNIFORM BASIS OF ONE HUNDRED 1/4 OIL CANS (3-3/4 OUNCES NET) TO THE CASE. SARDINES WERE CANNED IN 23 PLANTS IN MAINE.

PACK OF PACIFIC SARDINES, 1966

STYLE OF PACK	STANDARD CASES	VALUE
NATURAL AND IN TOMATO SAUCE.	2,581	$24,750

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 15 OUNCES NET WEIGHT. SARDINES WERE CANNED IN 3 PLANTS IN CALIFORNIA.

PACK OF TUNA, 1966

(STANDARD CASES)

SPECIES	CALIFORNIA		WASHINGTON AND OREGON		ATLANTIC COAST, HAWAII, AND TERRITORIES		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
ALBACORE:								
SOLID PACK. . .	1,122,507	$16,719,588	717,646	$12,402,697	1,899,137	$29,189,534	3,739,290	$58,311,819
CHUNKS.	820,527	11,555,520	167,509	2,428,384	1,316,626	18,373,824	2,304,662	32,357,728
FLAKES AND GRATED	172,779	1,519,235	86,245	864,266	271,107	2,759,197	530,131	5,142,698
TOTAL. . . .	2,115,813	29,794,343	971,400	15,695,347	3,486,870	50,322,555	6,574,083	95,812,245
LIGHT MEAT:								
SOLID PACK. . .	739,261	11,253,429	6,759	93,030	338,737	4,765,720	1,084,757	16,112,179
CHUNKS.	6,363,692	84,272,041	542,705	6,474,180	4,543,397	60,159,309	11,449,794	150,905,530
FLAKES AND GRATED	394,565	3,430,002	19,806	160,352	430,562	3,818,745	844,933	7,409,099
TOTAL. . . .	7,497,518	98,955,472	569,270	6,727,562	5,312,696	68,743,774	13,379,484	174,426,808
GRAND TOTAL.	9,613,331	128,749,815	1,540,670	22,422,909	8,799,566	119,066,329	19,953,567	270,239,053

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CONTAINING 7 OUNCES NET WEIGHT OF SOLID PACK, 6-1/2 OUNCES NET WEIGHT OF CHUNKS, AND 6 OUNCES NET WEIGHT OF FLAKES OR GRATED. THE PACK OF DIETETIC TUNA IS INCLUDED IN THESE TOTALS. TUNA WERE CANNED IN 8 PLANTS IN CALIFORNIA, 5 PLANTS IN OREGON, 5 PLANTS IN WASHINGTON, 4 PLANTS IN PUERTO RICO, 2 PLANTS IN MARYLAND AND AMERICAN SAMOA, AND 1 PLANT EACH IN MAINE AND HAWAII. DATA ON THE PACK OF TUNA SPECIALTIES CAN BE FOUND IN THE TABLE "PACK OF MISCELLANEOUS FISHERY PRODUCTS" THE PACK OF TUNA FOR ANIMAL FOOD IS NOT INCLUDED IN THE ABOVE TABLE.

PACK OF TUNA, BY CAN SIZES, 1966

CAN AND CASE SIZE	ACTUAL CASES	VALUE
4 POUND . . . . (12 CANS)	334,183	$10,501,350
1 POUND . . . . (48 CANS)	700,078	17,966,961
1/2 POUND . . . . (48 CANS)	15,241,954	205,144,704
1/4 POUND . . . . (48 CANS)	1,208,095	12,051,343
4 OUNCES. . . . .(100 CANS)	68,374	1,182,739
9-1/4 OUNCES. . . . . (24 CANS)	2,348,857	23,340,565
OTHER SIZES (CONVERTED TO STANDARD CASES)	5,278	51,391
TOTAL	19,906,819	270,239,053

PACK OF TUNA, BY AREAS AND STATES, 1966

(STANDARD CASES)

AREA AND STATE	CASES	VALUE	AREA AND STATE	CASES	VALUE
ATLANTIC COAST, MAINE AND MARYLAND.	190,272	$2,459,997	OTHER:		
PACIFIC COAST:			HAWAII AND AMERICAN SAMOA.	2,713,231	$38,080,382
WASHINGTON	318,461	3,721,875	PUERTO RICO.	5,896,063	78,525,950
OREGON	1,222,209	18,701,034			
CALIFORNIA	9,613,331	128,749,815	TOTAL	8,609,294	116,606,332
TOTAL	11,154,001	151,172,724	GRAND TOTAL	19,953,567	270,239,053

PACK OF TUNALIKE FISH, 1966

SPECIES	STANDARD CASES	VALUE
BONITO AND YELLOWTAIL: SOLID PACK, CHUNKS AND FLAKES OR GRATED.	229,014	$1,828,935

NOTE:--"STANDARD CASES" REPRESENT THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CONTAINING 7 OUNCES NET WEIGHT OF SOLID PACK. TUNALIKE FISHES WERE CANNED IN 6 PLANTS IN CALIFORNIA, AND 1 IN FLORIDA.

PACK OF ALEWIVES, 1966

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
MARYLAND (1), NORTH CAROLINA (1), AND VIRGINIA (6)	96,816	$394,789

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH.

PACK OF MACKEREL, 1966

ITEM	STANDARD CASES	VALUE
JACK MACKEREL:		
NATURAL.	358,462	$2,879,088
IN TOMATO SAUCE.	11,787	113,420
TOTAL.	370,249	2,992,508
PACIFIC MACKEREL, NATURAL.	42,527	353,536
GRAND TOTAL.	412,776	3,346,044

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH. MOST OF THE PACK WAS CANNED IN 15 OUNCE CANS. MACKEREL WERE CANNED IN 8 PLANTS IN CALIFORNIA.

PACK OF SHAD, 1966

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
OREGON (2) AND WASHINGTON (1).	7,460	$59,223

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH.

PACK OF ANIMAL FOOD FROM FISHERY PRODUCTS, 1966

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
MAINE (1) AND MASSACHUSETTS (2).	2,486,572	$15,530,356
NEW YORK (1), NEW JERSEY (1), AND PENNSYLVANIA (2)	40,481	140,965
MARYLAND (2), VIRGINIA (2), AND NORTH CAROLINA (1)	126,854	774,791
MISSISSIPPI (4).	2,090,952	9,176,003
ILLINOIS (1), OHIO (1), KANSAS (1), NEBRASKA (1), AND WISCONSIN (1).	309,738	1,796,891
CALIFORNIA (13).	1,442,671	16,693,393
WASHINGTON (5)	75,800	561,373
OREGON (6) :	352,287	2,347,223
HAWAII (1) AND AMERICAN SAMOA (2).	162,379	2,069,702
PUERTO RICO (4).	508,495	5,523,003
TOTAL (52)	7,596,229	54,613,700

NOTE:--EACH STANDARD CASE CONTAINS 10 OR MORE POUNDS OF FISH. AN ADDITIONAL PACK (4,381,810 STANDARD CASES VALUED AT $19,591,318) HAD LESS THAN 10 POUNDS OF FISH PER STANDARD CASE AND IS NOT INCLUDED IN THE ABOVE PACK OF STANDARD CASES. "STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES.

PACK OF FISH ROE AND CAVIAR, 1966

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	VALUE	STATE OF PRODUCTION AND NUMBER OF PLANTS
ALEWIFE ROE (11)	29,331	$369,690	VIRGINIA (9) AND NORTH CAROLINA (2)
SHAD ROE (4)	1,384	122,117	OREGON (2), WASHINGTON (1), AND CALIFORNIA (1)
SALMON CAVIAR (4).	6,052	609,442	NEW YORK (4)
WHITEFISH CAVIAR (4)	2,733	213,661	WISCONSIN (1), AND NEW YORK (3)
GROUNDFISH ROE (1), STURGEON ROE (2), LUMPFISH CAVIAR (2) AND MULLET ROE (1).	8,494	2,122,336	MASSACHUSETTS (1), NEW YORK (2), AND FLORIDA (1)
TOTAL EDIBLE ROE AND CAVIAR (22) 1/	47,994	3,437,246	
SALMON EGGS FOR BAIT (8)	11,637	1,253,539	WASHINGTON (8)
GRAND TOTAL (30) 1/	59,631	4,690,785	

1/ EXCLUSIVE OF DUPLICATION.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS EACH CONTAINING 16 OUNCES.

PACK OF FISH ROE AND CAVIAR, BY STATES, 1966

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
MASSACHUSETTS (1), NEW YORK (4), NORTH CAROLINA (2), AND FLORIDA (1) .	22,876	$2,969,830
VIRGINIA (9)	22,893	286,690
WASHINGTON (9)	11,728	1,261,019
OREGON (2), CALIFORNIA (1), AND WISCONSIN (1).	2,134	173,246
TOTAL (30).	59,631	4,690,785

PACK OF CRAB MEAT, 1966

STATE AND NUMBER OF PLANTS	SPECIES	STANDARD CASES	VALUE
ATLANTIC AND GULF STATES:			
MAINE (1), NORTH CAROLINA (1), SOUTH CAROLINA (1), AND MISSISSIPPI (2)	BLUE 1/	48,493	$1,233,186
TOTAL (5)		48,493	1,233,186
PACIFIC COAST STATES:			
WASHINGTON (7) AND OREGON (2).	DUNGENESS AND KING	64,170	1,920,936
ALASKA (4)	DUNGENESS	5,565	199,923
ALASKA (6)	KING	445,970	13,090,417
TOTAL, EXCLUSIVE OF DUPLICATION (17).		515,705	15,211,276
GRAND TOTAL (22).		564,198	16,444,462

1/ INCLUDES A SMALL PACK OF ROCK CRABS IN MAINE.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CANS CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE EACH CONTAINING 6-1/2 OUNCES.

PACK OF CLAMS AND CLAM PRODUCTS, 1966

(STANDARD CASES)

SPECIES	WHOLE AND MINCED		CHOWDER AND JUICE		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
CLAMS:						
HARD, SOFT AND SURF.	585,893	$7,224,113	2,033,032	$13,870,782	2,618,925	$21,094,895
RAZOR.	1,022	30,023	-	-	1,022	30,023
TOTAL	586,915	7,254,136	2,033,032	13,870,782	2,619,947	21,124,918

NOTE:--CLAMS WERE CANNED IN 6 PLANTS IN WASHINGTON, 8 PLANTS IN NEW JERSEY, 4 PLANTS IN MAINE, 2 PLANTS EACH IN ALASKA, OREGON, MASSACHUSETTS, PENNSYLVANIA, AND DELAWARE, 3 PLANTS IN NEW YORK, AND 1 PLANT EACH IN CONNECTICUT, AND MARYLAND. "STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT NO. 1 PICNIC CANS, EACH CAN OF WHOLE OR MINCED CLAMS CONTAINING 5 OUNCES OF MEAT, DRAINED WEIGHT; AND EACH CAN OF CHOWDER, JUICE, BROTH, BOUILLON, OR NECTAR, 10 OUNCES NET CONTENT. THE PACK OF CLAMS CANNED IN THE SHELL IS NOT INCLUDED IN THIS TABLE.

CLAM PRODUCTION, BY TYPE OF PACK, 1966

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	POUNDS	VALUE
CLAMS:			
WHOLE (9).	13,542	203,130	$265,366
MINCED (15).	573,373	8,600,595	6,988,770
CHOWDER (16)	1,891,032	56,730,960	13,100,822
JUICE (INCLUDES BOUILLON, BROTH, AND NECTAR) (10). . .	142,000	4,260,000	769,960
TOTAL 1/ (33)	2,619,947	69,794,685	21,124,918

1/ EXCLUSIVE OF DUPLICATION.

PACK OF OYSTERS, 1966

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
SOUTH CAROLINA (1), MISSISSIPPI (8), LOUISIANA (7), WASHINGTON (3), AND OREGON (1).	200,000	$3,201,143

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CONTAINING 4-2/3 OUNCES OF OYSTER MEATS.

PACK OF SHRIMP, 1966

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
ATLANTIC AND GULF STATES:		
MAINE (1), TEXAS (2)	39,306	$372,483
LOUISIANA (16)	1,470,240	16,311,764
MISSISSIPPI (9)	396,800	4,071,536
TOTAL (28)	1,906,346	20,755,783
PACIFIC STATES:		
WASHINGTON (1), OREGON (1), AND ALASKA (4)	197,579	1,217,565
GRAND TOTAL (34)	2,103,925	21,973,348

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF TWENTY-FOUR CANS TO THE CASE, EACH CONTAINING 4-1/2 OUNCES OF SHRIMP MEATS.

PACK OF MISCELLANEOUS FISHERY PRODUCTS, 1966

PRODUCT	STANDARD CASES	VALUE	LOCATION AND NUMBER OF PLANTS
FISH:			
ANCHOVY PASTE	1,496	$112,404	MICHIGAN (1), MARYLAND (1), AND NEW YORK (2)
GEFILTEFISH	337,318	5,037,158	NEW JERSEY (2), AND NEW YORK (1)
SALMON:			
SMOKED	1,389	123,541	ALASKA (10), WASHINGTON (12), OREGON (4), AND CALIFORNIA (2)
SPECIALTIES (SPREADS, CREAMED, AND SALTED LIVERS)	455	15,661	MAINE (2), AND WASHINGTON (3)
STURGEON, SMOKED AND SPREADS	587	39,921	WASHINGTON (8), AND OREGON (4)
TUNA SPECIALTIES:			
SMOKED, CREAMED, SPREADS, AND SALAD MIX	29,837	946,543	OREGON (1), WASHINGTON (5), MARYLAND (1), AND CALIFORNIA (3)
WITH NOODLES AND BEANS	31,236	430,651	CALIFORNIA (2), AND PENNSYLVANIA (2)
OTHER (ANCHOVIES, SALTED CODFISH, HADDOCK, HALIBUT, HERRING, KING MACKEREL, LINGCOD, ATLANTIC MACKEREL, MARLIN, MULLET, POLLOCK, SHAD, SPANISH MACKEREL, WAHOO, AND WHITEFISH EITHER NATURAL AND IN SAUCES, AND APPETIZER, BITES, SPREADS, AND CHOWDERS)	163,320	2,284,392	MAINE (4), MASSACHUSETTS (1), NEW JERSEY (3), FLORIDA (2), WASHINGTON (2), CALIFORNIA (3), PUERTO RICO (2), CONNECTICUT (1), MICHIGAN (1), AND ALASKA (2)
TOTAL FISH	565,638	8,990,271	
SHELLFISH:			
CRAB SPECIALTIES (BISQUE, COCKTAILS, DEVILED, DIPS, PASTE, SMOKED, SOUPS, AND SPREADS	30,646	566,818	MAINE (1), NEW JERSEY (1), PENNSYLVANIA (1), MARYLAND (1), SOUTH CAROLINA (1), LOUISIANA (1), WASHINGTON (2), AND OREGON (1)
LOBSTER SPECIALTIES (MEAT, DIPS, SPREADS, NEWBURG, THERMIDOR, CHOWDER, KNUCKLES, AND SOUPS)	12,161	302,838	CONNECTICUT (1), MAINE (1), MARYLAND (1), NEW JERSEY (2), AND PENNSYLVANIA (1)
SHRIMP SPECIALTIES (COCKTAILS, CREOLES, DIPS, GUMBO, SOUPS, STEWS, NEWBURGS AND SAUCES)	16,618	341,749	LOUISIANA (3), MAINE (1), NEW JERSEY (2), PENNSYLVANIA (1), MARYLAND (1), AND OREGON (1)
CLAM SPECIALTIES (DIPS, FRITTERS, CRISPS, A LA KING, SPREADS, IN THE SHELL, SMOKED, SOUPS, STEWS AND SAUCES)	80,642	1,565,216	DELAWARE (1), CONNECTICUT (1), WASHINGTON (3), MARYLAND (1), MAINE (2), NEW JERSEY (3), NEW YORK (1), AND PENNSYLVANIA (1)
CONCH MEAT	6,508	188,234	NEW YORK (1), NEW JERSEY (1), AND DELAWARE (1)
OYSTER SPECIALTIES:			
SMOKED	545	45,955	WASHINGTON (5)
STEW	280,617	3,947,201	NEW JERSEY (2), SOUTH CAROLINA (1), OREGON (1), AND WASHINGTON (3)
BISQUE, SOUPS, AND CASSEROLES	1,750	25,270	NEW JERSEY (1), PENNSYLVANIA (1), LOUISIANA (1), AND WASHINGTON (2)
SQUID	236,728	1,147,515	CALIFORNIA (6), AND NEW JERSEY (2)
TURTLE MEAT, CHOWDERS, SOUP, AND CONSOMMES	14,190	273,004	NEW JERSEY (1), FLORIDA (1), LOUISIANA (2), AND PENNSYLVANIA (2)
OTHER SPECIALTIES (CONCH, CHOWDER, CRAWFISH BISQUE, MUSSELS WHOLE, AND IN BISQUE, SCALLOPS, ETC.)	2,103	36,189	LOUISIANA (2), FLORIDA (1), NEW YORK (1), AND NEW JERSEY (2)
TOTAL SHELLFISH	682,508	8,439,989	
GRAND TOTAL	1,248,146	17,430,260	

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES NET WEIGHT.

INDUSTRIAL FISHERY PRODUCTS, 1966

The production of industrial fishery products by 159 plants in the United States, American Samoa, and Puerto Rico was valued at $73.1 million--a decline of $9.8 million compared with the previous year.

Marine animal scrap and meal. The production of 224,153 tons of marine animal scrap and meal was 29,898 tons (12 percent) less than in 1965, chiefly because of a decline in menhaden scrap and meal production. Greatly reduced menhaden landings along both the Atlantic and Gulf coasts resulted in a production of only 134,954 tons of scrap and meal--41,000 tons (23 percent) less than in the previous year.

Imports of fish meal were a record 447,784 tons--a gain of 177,118 tons compared with a year earlier. The quantity of fish meal available (domestic production plus imports) was 671,937 tons--slightly less than the record 674,395 tons available in 1964.

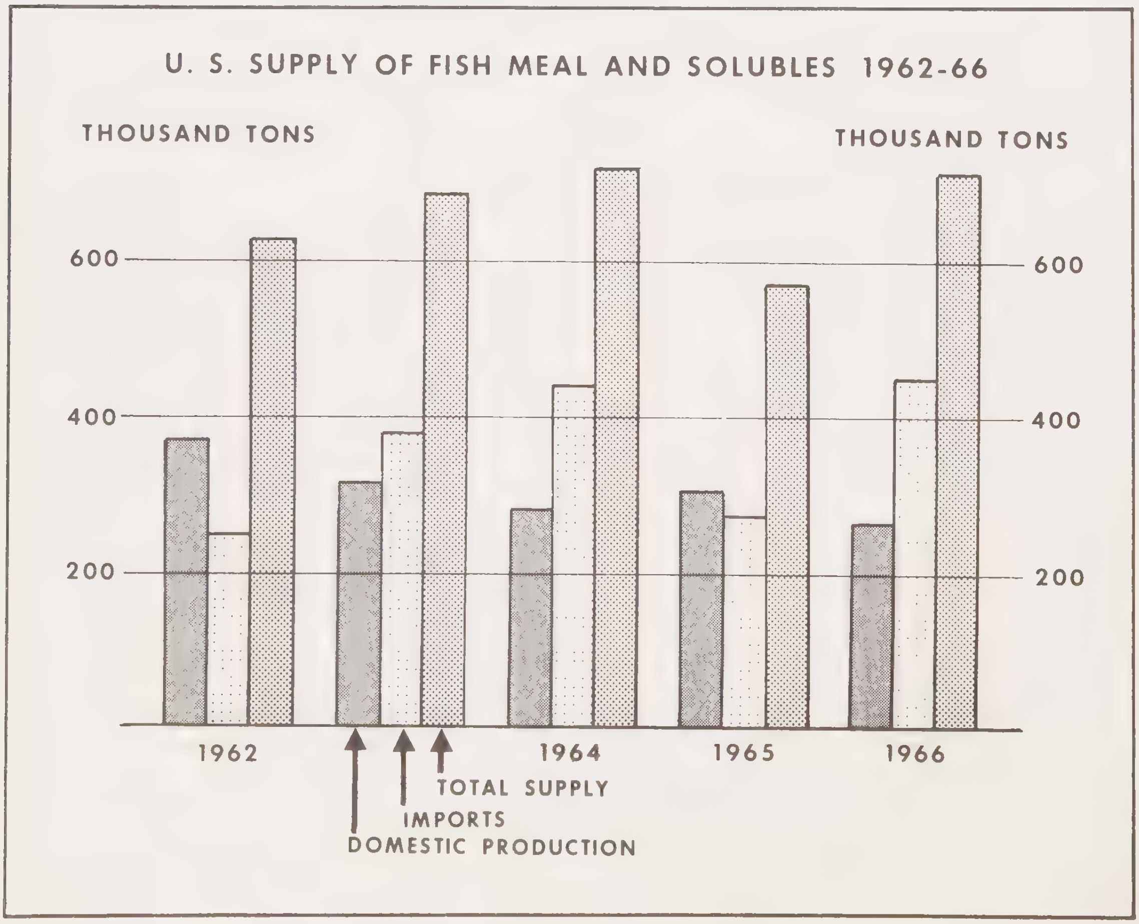
Marine animal oil. Domestic production of marine animal oil was 164.7 million pounds--30.7 million (16 percent) less than in the previous year. The decline was caused chiefly by a smaller production of menhaden oil (144.2 million pounds)--a decrease of 31.0 million compared with 1965. Exports of fish oils were 77.3 million pounds compared with 103.8 million in the previous year.

Fish solubles. Production of fish solubles was 83,441 tons--11,399 tons (12 percent) less than in 1965. Homogenized condensed fish has not been produced since 1963.

Other industrial products. Products from oyster shells, and buttons from fresh-water and marine mollusk shells were valued at $5.1 million--a decrease of $445,000 compared with the previous year.

Other industrial items produced in 1966 included agar-agar, fish feed pellets and animal feed, Irish moss extracts, kelp products, fish leather, fish fins, liquid fertilizer, colored chips, pearl essence and novelties, and crab shells valued at $17.9 million. In 1965, these products were valued at $20.8 million.

Data on the production of industrial fishery products during 1966 have been published previously in Current Fishery Statistics No. 4342.



GENERAL REVIEW

SUMMARY OF PRODUCTION, BY COMMODITIES, 1966

PRODUCTS	NUMBER OF PLANTS	UNIT	QUANTITY	VALUE
MARINE ANIMAL SCRAP AND MEAL.	120	TONS	224,153	$32,315,613
MARINE ANIMAL OILS, BODY OIL.	83	THOUSAND POUNDS	164,742	12,521,531
FISH SOLUBLES	34	TONS	83,441	5,160,371
MARINE PEARL AND MUSSEL SHELL BUTTONS	5	GROSS	223,421	815,595
OYSTER SHELL GRIT AND LIME ("LIVE AND REEF SHELLS").	13	TONS	334,212	4,315,125
MISCELLANEOUS INDUSTRIAL PRODUCTS . .	29	-	-	17,925,121
TOTAL.	1/ 159	-	-	73,053,356

1/ EXCLUSIVE OF DUPLICATION.

VALUE OF PRODUCTION, BY STATES, 1966

STATE	VALUE
MAINE.	$8,543,761
MASSACHUSETTS AND RHODE ISLAND	1,714,447
NEW YORK	644,477
NEW JERSEY	1,583,720
PENNSYLVANIA AND DELAWARE.	213,229
MARYLAND	1,249,207
VIRGINIA	7,301,706
NORTH CAROLINA	4,485,037
GEORGIA, FLORIDA, AND ALABAMA.	3,445,689
MISSISSIPPI.	5,775,723
LOUISIANA.	15,944,610
TEXAS.	2,819,707
IOWA, WISCONSIN, AND MICHIGAN.	343,330
ALASKA	363,638
WASHINGTON	944,733
OREGON	509,629
CALIFORNIA	15,784,864
AMERICAN SAMOA AND PUERTO RICO	1,385,849
TOTAL	73,053,356

PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1966

AREA AND STATE	NUMBER
NEW ENGLAND:	
MAINE.	14
MASSACHUSETTS.	6
RHODE ISLAND	1
TOTAL	21
MIDDLE ATLANTIC:	
NEW YORK	3
NEW JERSEY	9
PENNSYLVANIA	2
DELAWARE	1
TOTAL	15
CHESAPEAKE:	
MARYLAND	7
VIRGINIA	14
TOTAL	21
SOUTH ATLANTIC AND GULF:	
NORTH CAROLINA	13
GEORGIA.	1
FLORIDA.	10
(CONTINUED)	
SOUTH ATLANTIC AND GULF (CONTINUED):	
ALABAMA.	2
MISSISSIPPI.	3
LOUISIANA.	25
TEXAS.	3
TOTAL.	57
GREAT LAKES:	
MICHIGAN	1
WISCONSIN.	2
TOTAL.	3
MISSISSIPPI RIVER, IOWA.	1
PACIFIC COAST:	
ALASKA	2
WASHINGTON	7
OREGON	3
CALIFORNIA	24
TOTAL.	36
AMERICAN SAMOA	2
PUERTO RICO.	3
GRAND TOTAL.	159

NOTE:--LISTS OF MANUFACTURERS OF FISHERY INDUSTRIAL PRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE OFFICE OF INFORMATION, U.S. FISH AND WILDLIFE SERVICE, WASHINGTON, D. C. 20240.

NUMBER OF PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1966

PRODUCTS	ATLANTIC AND GULF COASTS 1/	PACIFIC COAST 2/	TOTAL
	NUMBER	NUMBER	NUMBER
SCRAP AND MEAL, DRIED:			
ALEWIFE	7	-	7
ANCHOVIES	-	7	7
CRAB	16	3	19
HERRING, SEA	7	2	9
MENHADEN	32	-	32
SHRIMP	18	1	19
TUNA AND MACKEREL	-	15	15
WHALE	-	2	2
UNCLASSIFIED	21	8	29
OIL:			
BODY:			
ALEWIFE	3	1	4
ANCHOVIES	-	7	7
HERRING, SEA	6	2	8
MENHADEN	30	-	30
SALMON	-	2	2
TUNA AND MACKEREL	-	12	12
WHALE:			
SPERM	-	2	2
OTHER	-	2	2
UNCLASSIFIED	12	4	16
LIVER OILS	2	-	2
MUSSEL SHELL PRODUCTS (FRESH-WATER):			
BUTTONS	1	-	1
COLORED CHIPS AND LIME	1	-	1
OYSTER SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY FEED	9	2	11
SHELL LIME, BURNED AND UNBURNED	8	2	10
MARINE PEARL SHELL BUTTONS	4	-	4
AGAR-AGAR	-	1	1
FISH SOLUBLES	27	7	34
IRISH MOSS EXTRACTS	2	-	2
KELP PRODUCTS	-	3	3
LIQUID FERTILIZER	-	2	2
PEARL ESSENCE AND NOVELTIES	6	-	6
CRAB SHELLS (FOR DEVILED CRAB MEAT)	2	-	2
ANIMAL FEEDS	1	4	5
FISH FEED PELLETS	-	2	2
LEATHER PRODUCTS	2	-	2
FISH FINS	2	-	2
TOTAL, EXCLUSIVE OF DUPLICATION	118	41	159

1/ INCLUDES FIRMS IN THE MISSISSIPPI RIVER AND GREAT LAKES AREA.
2/ INCLUDES AMERICAN SAMOA AND PUERTO RICO.

PRODUCTION OF MARINE ANIMAL SCRAP AND MEAL, 1966

PRODUCT	ATLANTIC AND GULF STATES		PACIFIC COAST AND TERRITORIES		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
DRIED SCRAP AND MEAL:						
ALEWIFE	1/ 3,746	1/ $506,371	-	-	3,746	$506,371
ANCHOVY	-	-	4,468	$675,748	4,468	675,748
CRAB	11,000	553,594	237	15,035	11,237	568,629
HERRING	10,623	1,741,418	1,237	229,700	11,860	1,971,118
MENHADEN	134,954	20,539,455	-	-	134,954	20,539,455
SHRIMP	506	23,200	-	-	506	23,200
TUNA AND MACKEREL	-	-	25,290	3,199,211	25,290	3,199,211
WHALE	-	-	1,094	131,300	1,094	131,300
UNCLASSIFIED	25,082	3,900,231	5,916	800,350	30,998	4,700,581
TOTAL	185,911	27,264,269	38,242	5,051,344	224,153	32,315,613

1/ SMALL QUANTITIES PRODUCED IN THE GREAT LAKES HAVE BEEN INCLUDED IN THE EAST COAST.

PRODUCTION OF MARINE ANIMAL OIL, 1966

PRODUCT	ATLANTIC AND GULF STATES		PACIFIC COAST AND PUERTO RICO		TOTAL	
	THOUSAND POUNDS	VALUE	THOUSAND POUNDS	VALUE	THOUSAND POUNDS	VALUE
BODY OIL:						
ALEWIFE	1/ 1,201	1/ $86,053	-	-	1,201	$86,053
ANCHOVY	-	-	773	$56,608	773	56,608
HERRING	6,075	429,776	1,807	155,688	7,882	585,464
MENHADEN	144,198	10,981,557	-	-	144,198	10,981,557
TUNA AND MACKEREL	-	-	4,111	303,320	4,111	303,320
WHALE:						
SPERM	-	-	551	32,777	551	32,777
OTHER	-	-	1,511	90,112	1,511	90,112
UNCLASSIFIED	2/ 2,774	2/ 250,070	1,741	135,570	4,515	385,640
TOTAL	154,248	11,747,456	10,494	774,075	164,742	12,521,531

1/ SMALL QUANTITIES PRODUCED IN THE GREAT LAKES HAVE BEEN INCLUDED IN THE EAST COAST.

2/ INCLUDES LIVER OILS.

NOTE:--TO CONVERT POUNDS OF OIL TO GALLONS, DIVIDE BY 7.75

PRODUCTION OF FISH SOLUBLES, 1966

PRODUCT, STATE, AND NUMBER OF PLANTS	TONS	VALUE
FISH SOLUBLES:		
RHODE ISLAND (1), MASSACHUSETTS (1), AND NEW YORK (1)	4,216	$308,774
NEW JERSEY (2), VIRGINIA (5), AND DELAWARE (1)	21,251	1,382,914
NORTH CAROLINA (3), AND EAST COAST OF FLORIDA (1)	5,813	377,035
WEST COAST OF FLORIDA (1), MISSISSIPPI (3), AND TEXAS (1)	11,801	776,885
LOUISIANA (7)	23,347	1,281,879
OREGON (1), AND CALIFORNIA (6)	17,013	1,032,884
TOTAL (34)	83,441	5,160,371

NOTE: -INCLUDES MENHADEN SOLUBLES.

PRODUCTION OF MENHADEN PRODUCTS, 1966

STATE AND NUMBER OF PLANTS	DRY SCRAP AND MEAL		OIL		SOLUBLES		TOTAL
	TONS	VALUE	POUNDS	VALUE	TONS	VALUE	VALUE
NEW YORK (1), NEW JERSEY (2), AND DELAWARE (1).	1,799	$272,728	2,152,787	$151,110	800	$50,207	$474,045
VIRGINIA (6)	27,407	3,952,086	23,510,113	1,449,713	19,009	1,239,301	6,641,100
NORTH CAROLINA (8), AND FLORIDA (3)	23,840	3,590,570	17,913,699	1,151,379	6,013	393,035	5,134,984
MISSISSIPPI (3).	19,612	3,179,244	22,547,687	1,949,278	9,929	647,201	5,775,723
LOUISIANA (8), AND TEXAS (1) .	62,296	9,544,827	78,074,174	6,280,077	25,018	1,395,563	17,220,467
TOTAL (33).	134,954	20,539,455	144,198,460	10,981,557	60,769	3,725,307	35,246,319

NOTE:--INCLUDES A SMALL QUANTITY OF OTHER SPECIES.

PRODUCTION OF OYSTER SHELL PRODUCTS, 1966

("LIVE AND REEF SHELLS")

STATE AND NUMBER OF PLANTS	POULTRY GRIT		LIME, BURNED AND UNBURNED		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
NEW JERSEY (1), PENNSYLVANIA (1) MARYLAND (2), VIRGINIA (2), AND FLORIDA (2)	59,015	$1,027,146	50,514	$231,285	109,529	$1,258,431
ALABAMA (1), TEXAS (2), OREGON (1), AND CALIFORNIA (1).	185,832	2,752,979	38,851	303,715	224,683	3,056,694
TOTAL (13).	244,847	3,780,125	89,365	535,000	334,212	4,315,125

PRODUCTION OF MARINE PEARL SHELL BUTTONS, 1966 1/

STATE AND NUMBER OF PLANTS	BUTTONS	
	GROSS	VALUE
NEW YORK (1), PENNSYLVANIA (1), AND NEW JERSEY (3). . . .	223,421	$815,595

1/ INCLUDES FRESH-WATER MUSSEL SHELL BUTTONS.

PRODUCTION OF MISCELLANEOUS INDUSTRIAL FISHERY PRODUCTS, 1966

PRODUCTS	STATE AND NUMBER OF PLANTS	VALUE
AGAR-AGAR.	CALIFORNIA (1)	$17,925,121
ANIMAL FEEDS AND FISH FEED PELLETS .	WASHINGTON (1), CALIFORNIA (4), MICHIGAN (1), OREGON (1)	
IRISH MOSS EXTRACTS.	MAINE (2)	
KELP PRODUCTS.	CALIFORNIA (3)	
LEATHER PRODUCTS	NEW JERSEY (1), FLORIDA (1)	
LIQUID FERTILIZER.	WASHINGTON (1), OREGON (1)	
COLORED CHIPS.	IOWA (1)	
PEARL ESSENCE AND NOVELTIES.	MAINE (5), MASSACHUSETTS (1)	
CRAB SHELLS (FOR DEVILED CRAB MEAT).	FLORIDA (1), ALABAMA (1)	
FISH FINS.	NEW JERSEY (1), FLORIDA (1)	
MUSSEL SHELL, LIME	IOWA (1)	

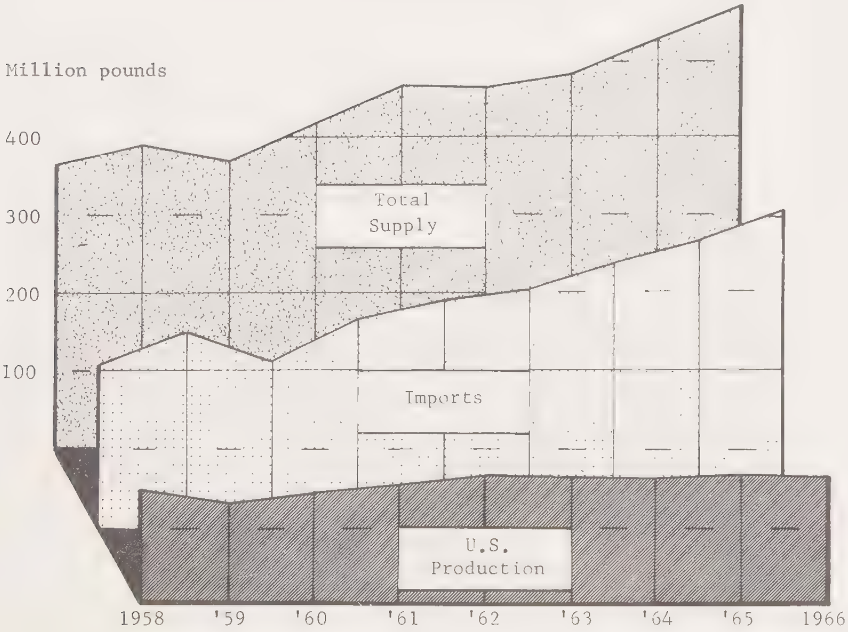
PACKAGED FISHERY PRODUCTS, 1966

The production of fresh and frozen packaged fish fillets and steaks in the United States, excluding Alaska and Hawaii, was 165.9 million pounds worth $69.5 million--a decline of 2.9 million pounds but an increase of $3.2 million compared with 1965.

Flounder fillets (49.5 million pounds), haddock fillets (40.1 million), and Atlantic ocean perch fillets (21.7 million pounds) continued to be the leading items. They accounted for 67 percent of the volume and 65 percent of the value. Cod fillets, halibut steaks, and Pacific ocean perch fillets were among other important leading items. The New England area continued to lead all other areas in the production of packaged fish with 64 percent of the volume and 59 percent of the value.

Data on the production of packaged fish during 1966 have been published previously in Current Fishery Statistics No. 4343.

U.S. SUPPLY OF FILLETS AND STEAKS, 1958-66



SUMMARY OF PRODUCTION OF PACKAGED FISH, 1966

ITEM	FILLETS		STEAKS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FRESH	79,051,593	$35,083,018	1,506,767	$935,603	80,558,360	$36,018,621
FROZEN	76,910,069	28,362,691	8,421,704	5,154,983	85,331,773	33,517,674
TOTAL	155,961,662	63,445,709	9,928,471	6,090,586	165,890,133	69,536,295

PRODUCTION OF FRESH AND FROZEN PACKAGED FISH, BY SECTIONS, 1966

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE, SOUTH ATLANTIC, AND GULF	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	5,211,137	$1,975,365	2,190,610	$1,167,190	-	-
CUSK	371,864	118,392	-	-	-	-
FLOUNDERS	32,771,994	14,677,564	4,245,472	2,812,090	751,950	$364,945
GROUPERS	-	-	-	-	588,435	294,350
HADDOCK	39,262,059	16,469,583	848,040	496,073	-	-
HAKE	261,327	79,195	12,000	4,500	-	-
HALIBUT	364,969	225,447	-	-	-	-
OCEAN PERCH, ATLANTIC	21,664,455	5,742,758	-	-	-	-
POLLOCK	2,714,079	676,492	-	-	-	-
SALMON	83,470	65,489	-	-	-	-
SNAPPER, RED	-	-	-	-	293,675	279,850
SPANISH MACKEREL	-	-	-	-	3,263,994	1,555,017
SWORDFISH	373,245	243,851	-	-	-	-
WHITING	2,437,896	617,250	-	-	-	-
WOLFFISH	210,549	82,953	-	-	-	-
UNCLASSIFIED	49,265	61,268	13,500	4,960	385,186	207,712
TOTAL	105,776,309	41,035,607	7,309,622	4,484,813	5,283,240	2,701,874

SPECIES	GREAT LAKES AND MISSISSIPPI RIVER		PACIFIC COAST	
	POUNDS	VALUE	POUNDS	VALUE
CARP	1,296,000	$214,600	-	-
COD	-	-	2,882,725	$764,314
FLOUNDERS	-	-	11,772,187	4,899,416
HALIBUT	-	-	7,142,961	4,503,753
HERRING, LAKE	20,808	7,444	-	-
LAKE TROUT	97,280	92,279	-	-
LINGCOD	-	-	2,471,598	639,615
OCEAN PERCH, PACIFIC	-	-	6,417,496	1,749,593
PIKE OR PICKEREL	241,500	202,515	-	-
ROCKFISHES	-	-	5,820,786	1,546,420
SABLEFISH	-	-	31,322	8,607
SALMON	-	-	2,803,606	2,386,200
SAUGER	343,250	338,270	-	-
SEA BASS	-	-	188,151	91,719
SWORDFISH	-	-	882,027	539,486
WHITE BASS	25,550	12,798	-	-
WHITEFISH	589,311	429,065	-	-
YELLOW PERCH	2,844,520	1,817,499	-	-
YELLOW PIKE	525,580	484,937	-	-
UNCLASSIFIED	696,042	429,127	428,262	156,344
TOTAL	6,679,841	4,028,534	40,841,121	17,285,467

PRODUCTION OF PACKAGED FISH, BY METHOD OF PREPARATION, 1966

SPECIES	FILLETS			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
CARP	1,296,000	$214,600	-	-
COD	6,037,567	2,489,864	4,201,917	$1,403,211
CUSK	353,866	113,224	17,998	5,168
FLOUNDERS	33,086,311	15,763,424	16,455,292	6,990,591
GROUPERS	196,975	104,972	189,734	98,320
HADDOCK	22,747,648	10,172,528	17,362,451	6,793,128
HAKE	266,677	82,110	6,650	1,585
HALIBUT	241,800	170,085	1,005,464	808,590
HERRING, LAKE	11,920	4,585	8,888	2,859
LAKE TROUT	81,705	78,449	15,575	13,830
LINGCOD	1,431,198	365,796	1,040,400	273,819
OCEAN PERCH:				
ATLANTIC	451,226	128,623	21,213,229	5,614,135
PACIFIC	2,963,808	736,203	3,453,688	1,013,390
PIKE OR PICKEREL	162,600	141,290	78,900	61,225
POLLOCK	925,069	271,793	1,500,018	336,592
ROCKFISHES	3,920,295	1,006,629	1,900,491	539,791
SABLEFISH	31,322	8,607	-	-
SALMON	-	-	1,196,585	1,177,782
SAUGER	296,000	294,770	47,250	43,500
SEA BASS	-	-	188,151	91,719
SNAPPER, RED	50,800	46,480	230,275	223,080
SPANISH MACKEREL	-	-	3,263,994	1,555,017
WHITE BASS	25,550	12,798	-	-
WHITEFISH	491,020	374,614	98,291	54,451
WHITING	255,435	58,599	2,182,461	558,651
WOLFFISH	22,869	9,243	187,680	73,710
YELLOW PERCH	2,381,945	1,512,117	462,575	305,382
YELLOW PIKE	385,530	351,524	140,050	133,413
UNCLASSIFIED	936,457	570,091	462,062	189,752
TOTAL	79,051,593	35,083,018	76,910,069	28,362,691

SPECIES	STEAKS, FRESH AND FROZEN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
CARP	-	-	1,296,000	$214,600
COD	44,988	$13,794	10,284,472	3,906,869
CUSK	-	-	371,864	118,392
FLOUNDERS	-	-	49,541,603	22,754,015
GROUPERS	201,726	91,058	588,435	294,350
HADDOCK	-	-	40,110,099	16,965,656
HAKE	-	-	273,327	83,695
HALIBUT	6,260,666	3,750,525	7,507,930	4,729,200
HERRING, LAKE	-	-	20,808	7,444
LAKE TROUT	-	-	97,280	92,279
LINGCOD	-	-	2,471,598	639,615
OCEAN PERCH:				
ATLANTIC	-	-	21,664,455	5,742,758
PACIFIC	-	-	6,417,496	1,749,593
PIKE OR PICKEREL	-	-	241,500	202,515
POLLOCK	288,992	68,107	2,714,079	676,492
ROCKFISHES	-	-	5,820,786	1,546,420
SABLEFISH	-	-	31,322	8,607
SALMON	1,690,491	1,273,907	2,887,076	2,451,689
SAUGER	-	-	343,250	338,270
SEA BASS	-	-	188,151	91,719
SNAPPER, RED	12,600	10,290	293,675	279,850
SPANISH MACKEREL	-	-	3,263,994	1,555,017
SWORDFISH	1,255,272	783,337	1,255,272	783,337
WHITE BASS	-	-	25,550	12,798
WHITEFISH	-	-	589,311	429,065
WHITING	-	-	2,437,896	617,250
WOLFFISH	-	-	210,549	82,953
YELLOW PERCH	-	-	2,844,520	1,817,499
YELLOW PIKE	-	-	525,580	484,937
UNCLASSIFIED	173,736	99,568	1,572,255	859,411
TOTAL	9,928,471	6,090,586	165,890,133	69,536,295

PRODUCTION OF FISH STICKS, 1966

MONTH	COOKED	RAW	TOTAL
	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS
JANUARY	7,416	321	7,737
FEBRUARY	7,466	276	7,742
MARCH	8,315	387	8,702
APRIL	5,125	435	5,560
MAY	4,515	301	4,816
JUNE	6,561	452	7,013
JULY	3,890	199	4,089
AUGUST	6,257	397	6,654
SEPTEMBER	7,241	360	7,601
OCTOBER	7,140	481	7,621
NOVEMBER	7,060	432	7,492
DECEMBER	5,978	410	6,388
TOTAL	76,964	4,451	81,415
	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS
TOTAL VALUE-YEAR	34,070	1,717	35,787

NOTE:--A FISH STICK, GENERALLY CUT FROM A BLOCK OF FILLETS, IS AN ELONGATED PIECE OF BREADED FISH FLESH WEIGHING NOT LESS THAN 3/4 OF AN OUNCE AND NOT MORE THAN 1-1/4 OUNCES WITH THE LARGEST DIMENSION AT LEAST THREE TIMES THAT OF THE NEXT LARGEST DIMENSION.

PRODUCTION OF FISH PORTIONS, 1966

MONTH	BREADED			UNBREADED	TOTAL
	COOKED	RAW	TOTAL		
	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS
JANUARY	2,701	7,805	10,506	268	21,280
FEBRUARY	2,985	8,668	11,653	370	23,676
MARCH	3,461	10,722	14,183	345	28,711
APRIL	2,410	8,254	10,664	418	21,746
MAY	2,032	8,828	10,860	436	22,156
JUNE	1,879	10,647	12,526	471	25,523
JULY	1,427	5,384	6,811	100	13,722
AUGUST	3,036	9,965	13,001	229	26,231
SEPTEMBER	3,495	9,943	13,438	272	27,148
OCTOBER	4,197	10,451	14,648	435	29,731
NOVEMBER	2,815	10,588	13,403	355	27,161
DECEMBER	2,908	8,919	11,827	362	24,016
TOTAL	33,346	110,174	143,520	4,061	291,101
	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS	THOUSAND DOLLARS
TOTAL VALUE-YEAR	13,624	42,702	55,326	1,687	113,339

NOTE:--A FISH PORTION, GENERALLY CUT FROM A BLOCK OF FILLETS, IS A PIECE OF FISH FLESH GENERALLY OF UNIFORM SIZE WITH A THICKNESS OF 3/8 OF AN INCH OR MORE, WHICH DOES NOT CONFORM TO THE DEFINITION OF A FISH STICK.

FROZEN FISHERY TRADE, 1966

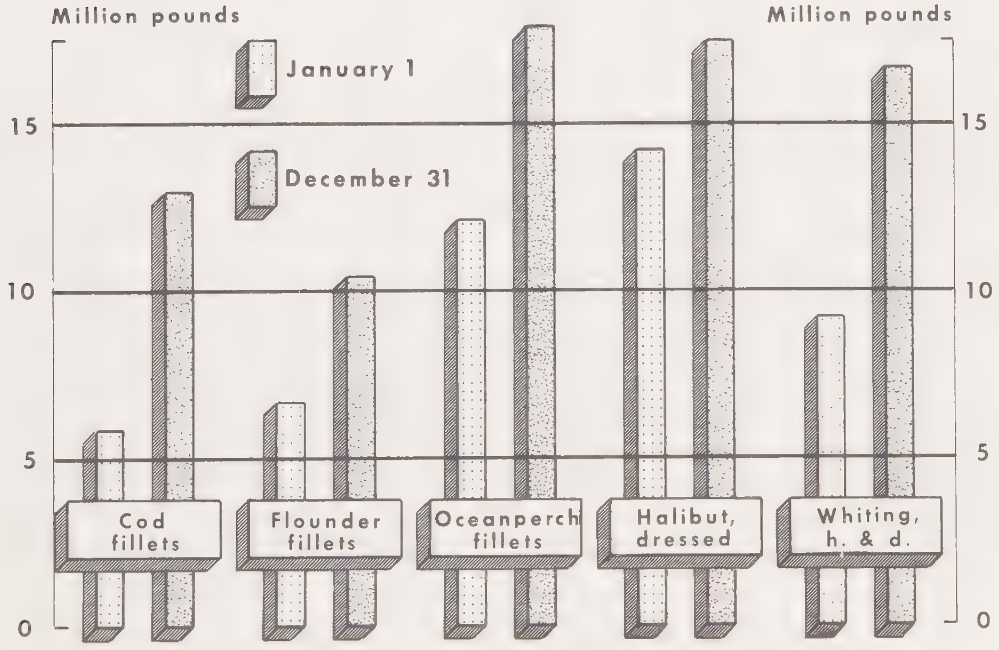
The 1966 production of frozen fish and shellfish by firms reporting to the Bureau of Commercial Fisheries was 358.6 million pounds. Leading products frozen were shrimp (98.5 million pounds); bait and animal food (66.1); fillets and steaks consisting principally of ocean perch and haddock (44.6); whiting, headed and gutted (35.9); and dressed halibut (31.1 million pounds). An estimated 572.0 million pounds of fish and shellfish (live weight) were required to produce the 358.6 million pounds of frozen fishery items. Not included were freezings by cold storage plants not reporting to the Bureau and a considerable volume of frozen fillets and steaks produced by firms operating plate freezers at the end of fillet production lines.

New England led all other areas in freezings with 135.2 million pounds (38 percent of the total), followed by South Central with 75.7 million; Alaska, 54.8; Pacific, 48.4; and the South Atlantic area, 39.8 million pounds. The Middle Atlantic, North Central East, and North Central West accounted for the remainder.

Information on the freezings and holdings of fishery products for 1966 by firms supplying monthly data on their operations and a list of these firms were published previously in Current Fishery Statistics No. 4344. Data on freezings and holdings were also published in the preliminary monthly bulletin, Frozen Fish Report, and in the final monthly report, Frozen Fishery Products, which are also in the Current Fishery Statistics series.

COLD STORAGE HOLDINGS OF CERTAIN PRODUCTS

January 1, 1966 and December 31, 1966



SUMMARY OF FREEZINGS, BY MONTHS, 1966

(THOUSANDS OF POUNDS)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:						
BLOCKS	276	194	310	537	576	657
FILLETS AND STEAKS:						
COD	24	87	112	141	201	217
FLOUNDER	53	207	432	461	492	268
HADDOCK	274	871	1,720	1,152	1,193	1,635
HALIBUT	-	-	-	-	388	269
OCEAN PERCH	984	1,340	1,666	1,640	1,802	2,544
POLLOCK	111	-	31	26	15	2
SALMON	-	-	-	3	-	-
WHITING	25	-	59	26	76	112
UNCLASSIFIED	25	84	204	206	125	237
TOTAL FILLETS AND STEAKS	1,496	2,589	4,224	3,655	4,292	5,284
TOTAL BLOCKS, FILLETS, AND STEAKS	1,772	2,783	4,534	4,192	4,868	5,941
ROUND, DRESSED, ETC.:						
HALIBUT	-	-	-	105	6,707	6,784
MACKEREL (EXCEPT SPANISH)	-	6	-	5	165	53
SABLEFISH	-	-	5	52	113	237
SALMON:						
CHINOOK OR KING	-	-	-	28	355	1,499
SILVER OR COHO	-	-	-	-	3	625
CHUM OR KETA	-	2	-	-	-	71
OTHER	-	-	-	3	32	345
TOTAL SALMON	-	2	-	31	390	2,540
SMELT	-	-	-	44	8	17
SWORDFISH	6	-	-	-	1	1
TUNA	157	-	1	-	3	26
WHITING, HEADED AND GUTTED	24	-	6	352	1,144	3,766
OTHER (EXCEPT BAIT)	1,858	1,496	1,722	1,338	1,989	1,834
TOTAL SALT-WATER FISH	3,817	4,287	6,268	6,119	15,388	23,201
FRESH-WATER:						
FILLETS AND STEAKS	-	-	1	4	3	6
ROUND, DRESSED, ETC.:						
CHUBS	-	-	2	12	44	27
TROUT	55	49	49	53	57	79
WHITEFISH	-	-	-	1	3	-
OTHER (EXCEPT BAIT)	7	12	5	17	30	23
TOTAL FRESH-WATER FISH	62	61	57	87	137	135
BAIT AND ANIMAL FOOD (SALT-AND FRESH-WATER)	3,317	3,153	4,947	7,092	6,413	5,766
SHELLFISH						
CRABS (INCLUDING CRABMEAT)	2,471	1,962	1,363	897	345	173
SPINY LOBSTER (TAILS)	6	55	58	2	4	12
OYSTER MEATS	180	176	393	287	324	139
SCALLOP MEATS	100	290	222	203	345	373
SHRIMP:						
RAW (HEADLESS, SHELL-ON)	2,574	2,185	2,577	1,879	2,751	2,468
ALL OTHER (INCLUDING BREADED)	5,936	5,166	5,904	4,314	3,410	3,864
TOTAL SHRIMP	8,510	7,351	8,481	6,193	6,161	6,332
SQUID	83	153	9	1	156	1,307
OTHER	155	107	146	208	198	277
TOTAL SHELLFISH	11,505	10,094	10,672	7,791	7,533	8,613
TOTAL FISH AND SHELLFISH	18,701	17,595	21,944	21,089	29,471	37,715

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF FREEZINGS, BY MONTHS, 1966 - Continued

(THOUSANDS OF POUNDS)

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:							
BLOCKS	831	840	531	586	374	273	5,985
FILLETS AND STEAKS:							
COD	140	185	414	96	91	38	1,746
FLOUNDER	615	447	296	267	335	200	4,073
HADDOCK	818	1,282	1,121	272	517	571	11,426
HALIBUT	145	480	16	1	-	-	1,299
OCEAN PERCH	2,577	2,525	1,978	1,593	1,404	1,379	21,432
POLLOCK	18	285	48	128	278	119	1,061
SALMON	-	2	-	-	-	-	5
WHITING	165	280	143	185	84	1	1,156
UNCLASSIFIED	416	278	224	212	290	135	2,436
TOTAL FILLETS AND STEAKS	4,894	5,764	4,240	2,754	2,999	2,443	44,634
TOTAL BLOCKS, FILLETS, AND STEAKS	5,725	6,604	4,771	3,340	3,373	2,716	50,619
ROUND, DRESSED, ETC.:							
HALIBUT	7,211	6,660	904	433	36	-	31,[illegible]
MACKEREL (EXCEPT SPANISH)	359	276	51	115	34	46	1,115
SABLEFISH	249	209	517	497	64	4	1,952
SALMON:							
CHINOOK OR KING	1,235	936	464	99	49	14	4,074
SILVER OR COHO	1,988	1,968	2,267	730	148	42	7,771
CHUM OR KETA	347	370	2,075	634	695	66	4,260
OTHER	3,575	2,736	616	-	12	44	7,363
TOTAL SALMON	7,145	6,010	5,422	1,463	904	166	24,073
SMELT	36	32	18	2	73	1	231
SWORDFISH	29	47	40	27	31	17	199
TUNA	121	448	468	25	51	6	1,311
WHITING, HEADED AND GUTTED	10,487	14,429	3,628	1,619	4[illegible]	13	3[illegible],[illegible]76
OTHER (EXCEPT BAIT)	1,124	2,682	2,497	2,4[illegible]	2,045	1,663	22,734
TOTAL SALT-WATER FISH	32,486	37,617	18,316	10,010	7,024	4,632	169,165
FRESH-WATER:							
FILLETS AND STEAKS	10	2	6	3	3	-	38
ROUND, DRESSED, ETC.:							
CHUBS	8	17	20	19	19	60	228
TROUT	65	81	49	77	78	79	771
WHITEFISH	4	6	16	14	15	-	59
OTHER (EXCEPT BAIT)	52	69	110	33	58	34	450
TOTAL FRESH-WATER FISH	139	175	201	146	173	173	1,546
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	5,543	9,528	6,342	5,040	4,034	4,885	66,060
SHELLFISH							
CRABS (INCLUDING CRABMEAT)	529	666	761	541	468	1,097	11,273
SPINY LOBSTER (TAILS)	10	22	70	96	47	19	401
OYSTER MEATS	9	9	4	29	114	218	1,882
SCALLOP MEATS	235	226	79	161	202	195	2,631
SHRIMP:							
RAW (HEADLESS, SHELL-ON)	4,580	4,887	5,099	4,555	3,270	2,729	39,554
ALL OTHER (INCLUDING BREADED)	5,098	5,818	5,044	4,955	4,944	4,468	58,921
TOTAL SHRIMP	9,678	10,705	10,143	9,510	8,214	7,197	98,475
SQUID	687	1,063	633	191	270	40	4,593
OTHER	316	489	206	139	123	249	2,613
TOTAL SHELLFISH	11,464	13,180	11,896	10,667	9,438	9,015	121,868
TOTAL FISH AND SHELLFISH	49,632	60,500	36,755	25,863	20,669	18,705	358,639

NOTE:--PRODUCTION OF FISH FROZEN ON UNITED STATES FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS REPORT.

SUMMARY OF FREEZINGS, BY SECTIONS, 1966

(THOUSANDS OF POUNDS)

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:					
BLOCKS	5,552	-	48	-	-
FILLETS AND STEAKS:					
COD	1,359	12	-	-	-
FLOUNDER	3,653	-	-	-	-
HADDOCK	11,423	3	-	-	-
OCEAN PERCH	20,633	-	-	-	-
POLLOCK	1,061	-	-	-	-
WHITING	1,140	-	16	-	-
UNCLASSIFIED	861	-	184	-	8
TOTAL FILLETS AND STEAKS	40,130	15	278	-	8
TOTAL BLOCKS, FILLETS, & STEAKS	45,682	15	326	-	8
ROUND, DRESSED, ETC.:					
HALIBUT	4	-	-	-	-
MACKEREL (EXCEPT SPANISH)	701	133	-	-	-
SALMON:					
OTHER	1	5	-	-	-
TOTAL SALMON	1	5	-	-	-
SMELT	-	-	-	23	-
SWORDFISH	109	72	-	-	-
TUNA	327	1	-	-	-
WHITING, HEADED AND GUTTED	35,834	34	-	-	-
OTHER (EXCEPT BAIT)	12,113	1,445	2,929	-	6
TOTAL SALT-WATER FISH	94,771	1,705	3,255	23	14
FRESH-WATER:					
FILLETS AND STEAKS	-	-	-	36	-
ROUND, DRESSED, ETC.:					
CHUBS	-	47	-	181	-
TROUT	-	7	-	2	-
WHITEFISH	1	56	-	2	-
OTHER (EXCEPT BAIT)	2	242	5	124	14
TOTAL FRESH-WATER FISH	3	352	5	345	14
BAIT AND ANIMAL FOOD (SALT-AND FRESH-WATER)	35,780	853	999	53	-
SHELLFISH					
CRABS (INCLUDING CRAB MEAT)	-	-	91	-	-
SPINY LOBSTER (TAILS)	34	-	263	-	-
OYSTER MEATS	-	-	1,326	-	-
SCALLOP MEATS	2,304	114	172	-	-
SHRIMP:					
RAW (HEADLESS, SHELL-ON)	427	7	6,787	-	-
ALL OTHER (INCLUDING BREADED)	281	-	26,520	-	-
TOTAL SHRIMP	708	7	33,307	-	-
SQUID	30	963	5	-	-
OTHER	1,532	333	357	-	-
TOTAL SHELLFISH	4,608	1,417	35,521	-	-
TOTAL FISH AND SHELLFISH	135,162	4,327	39,780	421	28

NOTE:--THE SECTIONS INDICATED INCLUDE THE FOLLOWING STATES:
NEW ENGLAND--MAINE, MASSACHUSETTS, RHODE ISLAND, AND CONNECTICUT.
MIDDLE ATLANTIC--NEW YORK, NEW JERSEY, AND PENNSYLVANIA.
SOUTH ATLANTIC--MARYLAND, DISTRICT OF COLUMBIA, VIRGINIA, NORTH CAROLINA, GEORGIA, AND FLORIDA.
NORTH CENTRAL, EAST--OHIO, INDIANA, ILLINOIS, MICHIGAN, AND WISCONSIN.
NORTH CENTRAL, WEST--MINNESOTA, IOWA, MISSOURI, NORTH DAKOTA, NEBRASKA, AND KANSAS.

(CONTINUED ON NEXT PAGE)

SUMMARY OF FREEZINGS, BY SECTIONS, 1966 - Continued

(THOUSANDS OF POUNDS)

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:				
BLOCKS	-	343	42	5,985
FILLETS AND STEAKS:				
COD	-	374	1	1,746
FLOUNDER	17	325	-	4,073
HADDOCK	-	-	-	11,426
HALIBUT	-	96	1,207	1,303
OCEAN PERCH	-	795	-	21,428
POLLOCK	-	-	-	1,061
SALMON	-	5	-	5
WHITING	-	-	-	1,155
UNCLASSIFIED	44	1,339	-	2,436
TOTAL FILLETS AND STEAKS	61	2,934	1,208	44,634
TOTAL BLOCKS, FILLETS, AND STEAKS	61	3,277	1,250	50,619
ROUND, DRESSED, ETC.:				
HALIBUT	-	5,424	25,632	31,060
MACKEREL (EXCEPT SPANISH)	-	276	-	1,110
SABLEFISH	-	887	1,065	1,952
SALMON:				
CHINOOK OR KING	-	2,239	2,440	4,679
SILVER OR COHO	-	4,525	3,246	7,771
CHUM OR KETA	-	1,561	2,699	4,260
OTHER	-	1,209	6,148	7,363
TOTAL SALMON	-	9,534	14,533	24,073
SMELT	-	206	2	231
SWORDFISH	-	18	-	199
TUNA	-	983	-	1,311
WHITING, HEADED AND GUTTED	8	-	-	35,876
OTHER (EXCEPT BAIT)	1,281	4,926	40	22,740
TOTAL SALT-WATER FISH	1,350	25,531	42,522	169,171
FRESH-WATER:				
FILLETS AND STEAKS	-	2	-	38
ROUND, DRESSED, ETC.:				
CHUBS	-	-	-	228
TROUT	-	769	-	778
WHITEFISH	-	-	-	59
OTHER (EXCEPT BAIT)	38	12	-	437
TOTAL FRESH-WATER FISH	38	783	-	1,540
BAIT AND ANIMAL FOOD (SALT-AND FRESH-WATER)	10,411	14,802	3,162	66,060
SHELLFISH				
CRABS (INCLUDING CRAB MEAT)	704	2,660	7,818	11,273
SPINY LOBSTER (TAILS)	33	71	-	401
OYSTER MEATS	276	280	-	1,882
SCALLOP MEATS	5	36	-	2,631
SHRIMP:				
RAW (HEADLESS, SHELL-ON)	30,913	146	1,274	39,554
ALL OTHER (INCLUDING BREADED)	31,864	190	66	58,921
TOTAL SHRIMP	62,777	336	1,340	98,475
SQUID	101	3,494	-	4,593
OTHER	1	386	4	2,613
TOTAL SHELLFISH	63,897	7,263	9,162	121,868
TOTAL FISH AND SHELLFISH	75,696	48,379	54,846	358,639

NOTE:--THE SECTIONS INDICATED INCLUDE THE FOLLOWING STATES:
SOUTH CENTRAL--KENTUCKY, TENNESSEE, ALABAMA, MISSISSIPPI, LOUISIANA, TEXAS, OKLAHOMA, AND ARKANSAS.
PACIFIC--WASHINGTON, OREGON, CALIFORNIA, ARIZONA, COLORADO, UTAH, AND IDAHO.
ALASKA.

PRODUCTION OF FISH FROZEN ON UNITED STATES FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS TABLE.

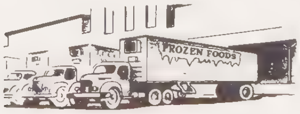
SUMMARY OF FREEZINGS, BY SECTIONS AND MONTHS, 1966

(THOUSANDS OF POUNDS)

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY	4,197	35	3,513	-
FEBRUARY	5,520	99	3,410	-
MARCH	8,540	80	4,021	3
APRIL	9,165	134	3,082	58
MAY	10,862	758	2,922	48
JUNE	13,995	349	2,983	40
JULY	21,495	622	3,208	20
AUGUST	27,517	865	3,619	21
SEPTEMBER	12,536	472	3,340	98
OCTOBER	8,770	443	3,268	31
NOVEMBER	6,795	219	3,254	48
DECEMBER	5,770	251	3,160	54
TOTAL	135,162	4,327	39,780	421

MONTH	NORTH CENTRAL, WEST	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY	6	6,616	3,024	1,310	18,701
FEBRUARY	-	4,021	2,435	2,110	17,595
MARCH	3	5,802	1,712	1,783	21,944
APRIL	5	4,145	2,434	2,066	21,089
MAY	5	4,110	4,138	6,628	29,471
JUNE	1	4,269	6,643	9,435	37,715
JULY	-	6,759	5,550	11,978	49,632
AUGUST	8	9,800	7,620	11,050	60,500
SEPTEMBER	-	9,565	5,522	5,222	36,755
OCTOBER	-	8,520	3,259	1,572	25,863
NOVEMBER	-	6,394	3,423	536	20,669
DECEMBER	-	5,695	2,619	1,156	18,705
TOTAL	28	75,696	48,379	54,846	358,639

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGES 126 AND 127.



COLD STORAGE HOLDINGS OF FROZEN FISHERY PRODUCTS, 1966

Holdings of frozen fishery products were highest on November 30, when 271.8 million pounds were in storage. The December 31 holdings of 271.0 million pounds were second highest, followed by the October 31 and September 30 holdings of 262.5 and 258.9 million pounds, respectively. Holdings were lowest on March 31, when they totaled only 161.8 million pounds.

SUMMARY OF HOLDINGS, BY MONTHS, 1966

(THOUSANDS OF POUNDS)

SPECIES	JANUARY 1	JANUARY 31	FEBRUARY 28	MARCH 31	APRIL 30	MAY 31
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:						
BLOCKS	37,367	35,850	29,380	27,590	24,439	23,017
FILLETS AND STEAKS:						
COD	5,692	4,776	4,671	6,274	7,707	9,112
FLOUNDER	6,568	6,126	4,512	3,465	2,888	3,073
HADDOCK	6,723	5,821	4,570	5,412	5,710	6,780
HALIBUT	2,326	2,371	1,922	1,364	1,132	1,185
OCEAN PERCH	12,201	9,982	6,624	4,783	4,770	3,599
POLLOCK	2,046	1,671	1,269	1,208	1,080	1,035
SALMON	227	297	244	252	221	215
WHITING	1,070	1,111	698	444	430	293
UNCLASSIFIED	4,921	5,779	4,738	3,556	3,446	3,872
TOTAL FILLETS AND STEAKS	41,774	37,934	29,248	26,758	27,384	29,164
TOTAL BLOCKS, FILLETS, AND STEAKS	79,141	73,784	58,628	54,348	51,823	52,181
FISH STICKS AND PORTIONS (RAW AND COOKED)	14,213	13,736	11,679	10,293	12,478	11,677
ROUND, DRESSED, ETC.:						
HALIBUT	14,143	11,073	9,111	6,086	4,062	8,249
MACKEREL (EXCEPT SPANISH)	1,003	806	690	513	390	335
SABLEFISH	1,932	2,171	1,919	1,649	1,493	1,375
SALMON:						
CHINOOK OR KING	4,752	4,316	3,501	2,888	2,477	2,222
SILVER OR COHO	4,314	3,445	1,985	1,047	624	319
CHUM OR KETA	633	515	321	212	136	92
OTHER	2,271	1,194	960	774	571	438
TOTAL SALMON	11,970	9,470	6,767	4,921	3,808	3,071
SMELT	830	959	1,144	941	1,024	1,145
SWORDFISH	2,325	2,329	1,762	1,614	1,884	1,756
TUNA	616	783	92	132	122	68
WHITING, HEADED AND GUTTED	8,965	6,083	3,158	1,158	1,514	965
OTHER (EXCEPT BAIT)	10,286	8,820	7,641	7,327	7,808	7,641
TOTAL SALT-WATER FISH	145,424	130,014	102,591	88,982	86,406	88,463
FRESH-WATER:						
FILLETS AND STEAKS	2,135	1,653	1,435	1,473	957	919
ROUND, DRESSED, ETC.:						
CHUBS	1,962	1,954	1,678	1,530	1,393	1,284
TROUT	1,375	1,340	1,283	880	822	1,031
WHITEFISH	1,462	1,527	1,481	1,273	1,261	1,069
OTHER (EXCEPT BAIT)	2,545	2,573	2,205	1,838	1,820	1,770
TOTAL FRESH-WATER FISH	9,479	9,047	8,082	6,994	6,253	6,073
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	9,432	8,606	9,193	10,788	14,308	18,228
SHELLFISH						
CRABS (INCLUDING CRABMEAT)	8,807	8,787	9,399	10,629	11,254	8,870
SPINY LOBSTER (TAILS)	5,483	5,449	5,718	6,888	7,916	8,398
OYSTER MEATS	633	709	875	1,222	1,384	1,430
SCALLOP MEATS	5,856	5,178	4,489	3,806	3,942	4,319
SHRIMP:						
RAW (HEADLESS, SHELL-ON)	28,380	24,950	20,500	17,576	15,924	16,184
ALL OTHER (INCLUDING BREADED)	13,031	14,215	11,605	12,589	12,436	10,169
TOTAL SHRIMP	41,461	39,165	32,105	30,165	28,410	26,353
SQUID	1,340	1,287	1,164	869	636	549
OTHER	2,009	2,021	1,700	1,436	1,422	1,491
TOTAL SHELLFISH	65,589	62,596	55,450	55,015	54,964	51,410
TOTAL FISH AND SHELLFISH	229,924	210,263	175,316	161,779	161,931	164,174
CURED FISH						
HERRING, SALTED	4,147	4,464	4,809	6,235	6,173	6,856
SALMON, MILD-CURED	4,348	2,740	2,767	2,414	1,902	1,709
OTHER SALTED	1,405	1,886	1,418	1,296	1,317	1,246
SMOKED FISH	367	336	250	320	403	402
TOTAL CURED FISH	10,267	9,426	9,244	10,265	9,795	10,213

(CONTINUED ON NEXT PAGE)

SUMMARY OF HOLDINGS, BY MONTHS, 1966 - Continued

(THOUSANDS OF POUNDS)

SPECIES	JUNE 30	JULY 31	AUGUST 31	SEPTEMBER 30	OCTOBER 31	NOVEMBER 30	DECEMBER 31
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:							
BLOCKS	27,343	36,158	43,482	44,327	40,980	37,344	35,237
FILLETS AND STEAKS:							
COD	9,508	9,247	10,958	11,803	12,734	11,912	12,687
FLOUNDER	4,162	5,466	6,785	6,575	7,822	9,406	10,224
HADDOCK	6,909	6,956	7,828	8,522	8,048	8,037	7,890
HALIBUT	1,380	2,003	2,280	2,497	2,628	2,407	2,249
OCEAN PERCH	4,401	6,488	10,485	12,448	13,349	15,259	17,913
POLLOCK	795	761	888	908	721	995	994
SALMON	186	171	222	262	368	408	292
WHITING	331	781	1,403	1,148	1,382	1,402	1,322
UNCLASSIFIED	4,719	5,484	7,049	7,372	7,768	8,671	8,929
TOTAL FILLETS AND STEAKS	32,391	37,357	47,898	51,535	54,820	58,497	62,500
TOTAL BLOCKS, FILLETS, AND STEAKS	59,734	73,515	91,380	95,862	95,800	95,841	97,737
FISH STICKS AND PORTIONS (RAW AND COOKED)	12,138	11,091	15,139	14,110	16,153	18,329	19,460
ROUND, DRESSED, ETC.:							
HALIBUT	12,930	19,807	23,808	23,251	21,116	19,349	17,552
MACKEREL (EXCEPT SPANISH)	356	741	907	900	824	749	742
SABLEFISH	1,454	1,646	1,522	1,911	2,084	2,027	1,801
SALMON:							
CHINOOK OR KING	3,028	4,665	4,701	6,380	6,061	5,618	4,728
SILVER OR COHO	895	2,630	3,887	7,329	6,521	5,032	3,645
CHUM OR KETA	138	320	1,077	3,046	3,348	3,269	2,294
OTHER	709	1,837	3,822	3,085	2,007	1,955	1,664
TOTAL SALMON	4,770	9,452	13,487	19,840	17,937	15,874	12,331
SMELT	855	938	901	785	933	881	822
SWORDFISH	1,483	1,516	1,730	2,070	2,198	2,710	2,647
TUNA	74	188	623	652	524	182	176
WHITING, HEADED AND GUTTED	2,692	9,238	18,126	19,390	20,102	18,637	16,634
OTHER (EXCEPT BAIT)	8,623	8,072	10,855	10,437	9,921	13,248	12,952
TOTAL SALT-WATER FISH	105,109	136,204	178,478	189,208	187,592	187,827	182,854
FRESH-WATER:							
FILLETS AND STEAKS	1,207	1,041	1,030	1,576	1,705	1,681	1,727
ROUND, DRESSED, ETC.:							
CHUBS	1,149	888	987	1,387	1,502	1,446	1,438
TROUT	1,012	1,001	960	1,098	1,155	1,301	1,317
WHITEFISH	946	1,479	930	1,089	1,351	1,273	1,183
OTHER (EXCEPT BAIT)	1,995	2,134	2,727	2,471	2,365	2,420	1,847
TOTAL FRESH-WATER FISH	6,309	6,543	6,634	7,621	8,078	8,121	7,512
BAIT AND ANIMAL FOOD (SALT- AND FRESH-WATER)	18,342	16,571	13,986	10,781	9,969	11,596	12,623
SHELLFISH							
CRABS (INCLUDING CRABMEAT)	7,577	6,026	5,111	4,946	4,812	4,284	5,181
SPINY LOBSTER (TAILS)	8,962	8,569	7,899	8,032	7,341	7,393	6,811
OYSTER MEATS	1,406	1,598	1,165	954	991	1,048	2,060
SCALLOP MEATS	4,037	4,196	3,924	3,952	3,691	3,509	3,400
SHRIMP:							
RAW (HEADLESS, SHELL-ON)	13,965	17,317	16,109	18,020	22,358	28,528	30,238
ALL OTHER (INCLUDING BREADED)	9,749	10,592	11,295	11,101	13,063	15,135	16,447
TOTAL SHRIMP	23,714	27,909	27,404	29,121	35,421	43,663	46,685
SQUID	1,011	1,436	1,955	2,363	2,697	2,710	2,359
OTHER	1,667	1,887	1,452	1,930	1,878	1,677	1,542
TOTAL SHELLFISH	48,374	51,621	48,910	51,298	56,831	64,284	68,038
TOTAL FISH AND SHELLFISH	178,134	210,939	248,008	258,908	262,470	271,828	271,027
CURED FISH							
HERRING, SALTED	6,453	6,098	5,996	5,462	6,060	8,173	9,841
SALMON, MILD-CURED	1,756	2,829	3,196	3,650	3,470	3,104	2,701
OTHER SALTED	1,422	1,212	1,383	1,383	1,458	1,465	1,035
SMOKED FISH	398	375	390	573	336	414	352
TOTAL CURED FISH	10,029	10,514	10,965	11,068	11,324	13,156	13,929

SUMMARY OF HOLDINGS, BY SECTIONS AND MONTHS, 1966

(THOUSANDS OF POUNDS)

DATE	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY 31	67,735	29,022	14,854	23,634	14,835
FEBRUARY 28	51,127	25,866	11,569	21,414	12,598
MARCH 31	49,578	23,991	11,643	15,647	12,197
APRIL 30	49,601	23,580	11,519	16,019	11,915
MAY 31	50,752	23,839	11,915	13,573	12,290
JUNE 30	57,724	23,237	9,297	14,001	12,573
JULY 31	75,013	23,702	9,645	15,196	13,094
AUGUST 31	93,109	24,788	9,123	23,346	14,616
SEPTEMBER 30	94,461	27,877	11,310	23,596	15,206
OCTOBER 31	94,228	30,610	10,983	25,315	16,399
NOVEMBER 30	97,819	31,904	13,361	26,981	16,667
DECEMBER 31	98,026	32,091	16,021	25,178	15,602

DATE	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY 31	16,823	38,001	5,359	210,263
FEBRUARY 28	14,571	33,839	4,332	175,316
MARCH 31	12,501	32,426	3,796	161,779
APRIL 30	12,443	33,368	3,486	161,931
MAY 31	11,098	32,925	7,782	164,174
JUNE 30	12,309	39,229	9,764	178,134
JULY 31	14,416	43,940	15,933	210,939
AUGUST 31	15,347	48,621	19,058	248,008
SEPTEMBER 30	15,678	50,559	20,221	258,908
OCTOBER 31	18,662	51,345	14,928	262,470
NOVEMBER 30	20,398	53,609	11,089	271,828
DECEMBER 31	21,786	53,116	9,207	271,027

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGES 126 AND 127.

COLD STORAGE HOLDINGS OF CURED FISH, 1966

Monthly average holdings of salted and smoked fish were 10.8 million pounds. Cured herring (6.4 million pounds) and mild-cured salmon (2.7 million pounds) accounted for 84 percent of the average cold storage inventories of cured fish.

SUMMARY OF HOLDINGS OF CURED FISH, BY MONTHS, 1966

(THOUSANDS OF POUNDS)

DATE	SALTED			SMOKED	TOTAL
	HERRING, CURED	SALMON, MILD-CURED	OTHER		
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY 31	4,464	2,740	1,886	336	9,426
FEBRUARY 28	4,809	2,767	1,418	250	9,244
MARCH 31	6,235	2,414	1,296	320	10,265
APRIL 30	6,173	1,902	1,317	403	9,795
MAY 31	6,856	1,709	1,246	402	10,213
JUNE 30	6,453	1,756	1,422	398	10,029
JULY 31	6,098	2,829	1,212	375	10,514
AUGUST 31	5,996	3,196	1,383	390	10,965
SEPTEMBER 30	5,462	3,650	1,383	573	11,068
OCTOBER 31	6,060	3,470	1,458	336	11,324
NOVEMBER 30	8,173	3,104	1,465	414	13,156
DECEMBER 31	9,841	2,701	1,035	352	13,929

FOREIGN FISHERY TRADE

U.S. foreign trade in fishery products was valued at $805.3 million--an increase of $134.9 million compared with 1965. The value of imports for consumption ($720.4 million) and exports ($84.8 million) was $119.5 million and $15.3 million more, respectively, than in the previous year.

Imports of edible fishery products were 1.6 billion pounds valued at $568.2 million--an increase of 14 percent in volume and 19 percent in value compared with 1965. Increased receipts of fresh and frozen sea herring, tuna (including loins and discs), groundfish fillets and steaks, shrimp, flounder fillets, canned sardines, canned tuna in brine, and unclassified canned fish (mostly mackerel) largely accounted for the gain.

Shrimp was the major item imported with respect to value--accounting for 25 percent of the value of imported edible items. About 178.6 million pounds (including fresh and frozen, canned, and cured) valued at $143.1 million entered U.S. ports in 1966. Mexico, India, Panama, Iran, British Guiana, and Pakistan were among the principal sources.

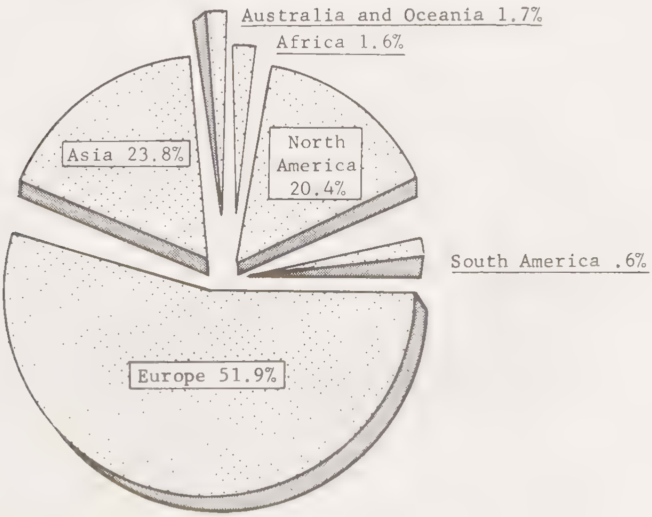
Imports of nonedible fishery products were valued at $152.2 million--an increase of $30.7 million compared with the previous year. The greatest gain occurred in imports of fish meal and scrap which increased from 271,000 tons in 1965 to 461,000 tons in 1966.

Exports of domestic edible fishery products were 109.6 million pounds valued at $62.9 million--an increase of 14 percent in quantity and 28 percent in value compared with the previous year. The value of nonedible domestic fishery products was $21.9 million compared with $20.2 million in 1965. Exports of foreign-produced fishery products in 1966 were $14.8 million compared with $10.3 million in 1965.

EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1965-66

ITEM		1965		1966	
EDIBLE FISHERY PRODUCTS	UNIT	QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
FRESH OR FROZEN:					
FISH:					
COD, HADDOCK, HAKE, POLLOCK, AND CUSK	1,000 POUNDS	764	187	1,196	327
SALMON	DO	10,559	5,330	19,845	10,626
OTHER	DO	14,701	3,047	19,012	4,061
SHELLFISH:					
SHRIMP	DO	6,837	6,144	4,927	5,046
OTHER	DO	6,839	3,885	7,285	5,812
TOTAL FRESH AND FROZEN	DO	39,700	18,593	52,265	25,872
CANNED:					
FISH:					
MACKEREL	DO	2,174	401	1,139	206
SALMON	DO	24,892	15,916	20,484	14,561
SARDINES	DO	3,376	990	3,557	1,168
OTHER	DO	3,245	2,000	8,889	6,267
SHELLFISH:					
SHRIMP	DO	4,510	4,809	4,479	5,192
SQUID	DO	11,911	1,160	10,159	1,067
OTHER	DO	4,057	3,212	6,485	6,404
TOTAL CANNED	DO	54,165	28,488	55,192	34,865
CURED, SALTED, PICKLED, OR DRY CURED:					
UNCLASSIFIED FISH	DO	2,528	2,177	2,100	2,088
UNCLASSIFIED SHELLFISH	DO	51	50	47	57
TOTAL CURED	DO	2,579	2,227	2,147	2,145
TOTAL EDIBLE FISHERY PRODUCTS	DO	96,444	49,308	109,604	62,882
NONEDIBLE FISHERY PRODUCTS					
FISH AND MARINE ANIMAL BODY AND LIVER OIL (EXCEPT MEDICINAL)	DO	103,807	9,208	77,255	7,401
WHALE AND SPERM OIL	DO	5,928	422	4,355	470
SEAL FURS, DRESSED OR DYED	1,000 PIECES	89	6,055	63	4,088
SHELLS, UNMANUFACTURED	1,000 POUNDS	35,762	4,064	64,261	9,208
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS, NONEDIBLE	-	-	426	-	764
TOTAL NONEDIBLE FISHERY PRODUCTS	-	-	20,175	-	21,931
GRAND TOTAL	-	-	69,483	-	84,813

VALUE OF U.S. EXPORTS TO CONTINENT OF DESTINATION, 1966



TOTAL VALUE $84,813,000

EXPORTS OF FOREIGN FISHERY PRODUCTS, 1965-66

ITEM		1965		1966	
EDIBLE FISHERY PRODUCTS	UNIT	QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
FRESH OR FROZEN:					
FISH:					
COD, HADDOCK, HAKE, POLLOCK, AND CUSK	1,000 POUNDS	143	40	62	36
SALMON	DO	85	66	59	50
OTHER	DO	969	302	667	180
SHELLFISH:					
SHRIMP	DO	7,989	6,863	11,397	11,080
OTHER	DO	865	656	872	938
TOTAL FRESH AND FROZEN	DO	10,051	7,927	13,057	12,284
CANNED:					
FISH:					
MACKEREL	DO	-	-	2	(1)
SALMON	DO	8	4	-	-
SARDINES	DO	13	3	31	5
OTHER	DO	569	219	187	101
SHELLFISH:					
SHRIMP	DO	34	33	33	29
SQUID	DO	-	-	111	10
OTHER	DO	2,410	1,396	2,404	1,617
TOTAL CANNED	DO	3,034	1,655	2,768	1,762
CURED, SALTED, PICKLED, OR DRY CURED:					
UNCLASSIFIED FISH	DO	399	102	83	27
UNCLASSIFIED SHELLFISH	DO	30	40	14	13
TOTAL CURED	DO	429	142	97	40
TOTAL EDIBLE FISHERY PRODUCTS	DO	13,514	9,724	15,922	14,086
NONEDIBLE FISHERY PRODUCTS					
FISH AND MARINE ANIMAL BODY AND LIVER OIL (EXCEPT MEDICINAL)	DO	74	13	252	23
WHALE AND SPERM OIL	DO	4,484	257	61	6
SEAL FURS, DRESSED OR DYED	1,000 PIECES	5	259	14	638
SHELLS, UNMANUFACTURED	1,000 POUNDS	81	33	43	47
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS, NONEDIBLE	-	-	13	-	24
TOTAL NONEDIBLE FISHERY PRODUCTS	-	-	575	-	738
GRAND TOTAL	-	-	10,299	-	14,824

1/ LESS THAN $500.

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1965-66

ITEM		1965		1966	
EDIBLE FISHERY PRODUCTS	UNIT	QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
FRESH AND FROZEN:					
FISH:					
WHETHER OR NOT WHOLE (EXCEPT FILLETS, STEAKS, ETC.):					
FRESH-WATER:					
LAKE HERRING, CISCOES, AND CHUBS	1,000 POUNDS	488	126	975	206
LAKE TROUT	DO	1,734	701	1,655	741
PIKE, EXCEPT YELLOW PIKE	DO	2,576	1,007	2,165	968
OTHER TROUT.	DO	4,035	1,559	3,104	1,335
WHITEFISH.	DO	13,382	5,278	11,296	4,783
YELLOW PIKE.	DO	5,207	2,671	4,612	2,495
UNCLASSIFIED	DO	8,014	1,626	7,539	1,533
TOTAL FRESH-WATER FISH.	DO	35,436	12,968	31,346	12,061
SALT-WATER:					
COD, HADDOCK, HAKE, POLLOCK, AND CUSK (INCLUDES EELS AND SHAD).	DO	2,689	360	2,864	421
HALIBUT.	DO	21,726	7,508	19,496	7,531
MACKEREL:					
FRESH.	DO	3,219	332	2,132	207
FROZEN	DO	1,480	144	722	89
SALMON	DO	7,861	5,154	8,296	5,914
SEA HERRING.	DO	118,355	2,257	1/155,140	1/2,463
SMELT.	DO	8,800	1,308	9,064	1,465
STURGEON	DO	1,090	509	833	422
SWORDFISH:					
FRESH.	DO	7,029	3,728	6,916	3,773
FROZEN	DO	164	56	70	34
TUNA (WHOLE AND OTHER THAN WHOLE): 2/					
ALBACORE	DO	167,460	24,775	180,167	38,138
YELLOWFIN.	DO	97,049	13,892	129,808	26,905
SKIPJACK	DO	50,714	4,328	58,146	7,341
UNCLASSIFIED	DO	11,965	1,380	20,016	2,811
TOTAL TUNA.	DO	327,188	44,375	388,137	75,195
TUNA LOINS AND DISCS:					
ALBACORE	DO	8,773	3,025	7,737	3,377
YELLOWFIN.	DO	2,823	968	6,274	2,859
UNCLASSIFIED	DO	437	133	1,224	407
TOTAL LOINS AND DISCS	DO	12,033	4,126	15,235	6,643
UNCLASSIFIED	DO	10,096	3,103	11,956	3,229
TOTAL SALT-WATER FISH	DO	521,730	72,960	620,861	107,386
FILLETS, STEAKS, ETC.:					
GROUNDFISH AND OCEAN PERCH:					
COD.	DO	33,727	8,850	40,820	11,635
HADDOCK, HAKE, POLLOCK AND CUSK.	DO	20,680	5,832	26,116	8,231
OCEAN PERCH (ATLANTIC)	DO	25,740	6,746	41,587	11,141
BLOCKS OR SLABS.	DO	214,807	52,506	206,574	51,586
TOTAL GROUNDFISH AND OCEAN PERCH. .	DO	294,954	73,934	315,097	82,593
OTHER:					
FLOUNDER OR FLATFISH (EXCEPT HALIBUT). .	DO	24,122	7,659	34,727	11,343
HALIBUT.	DO	5,942	3,653	5,699	3,079
SWORDFISH.	DO	17,759	7,021	17,910	7,479
WOLFFISH (SEA CATFISH)	DO	5,671	1,538	6,460	1,910
UNCLASSIFIED SALT-WATER.	DO	9,666	3,267	12,957	4,647
YELLOW PERCH	DO	5,157	2,780	7,603	3,407
YELLOW PIKE.	DO	4,921	3,536	4,683	3,821
UNCLASSIFIED FRESH-WATER	DO	1,486	624	2,669	991
TOTAL, OTHER THAN GROUNDFISH. . . .	DO	74,724	30,078	92,708	36,677
TOTAL FILLETS, STEAKS, ETC..	DO	369,678	104,012	407,805	119,270
FISH STICKS AND SIMILAR PRODUCTS	DO	277	95	384	150
TOTAL FISH, FRESH AND FROZEN	DO	927,121	190,035	1,060,396	238,867

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1965-66 - Continued

ITEM		1965		1966	
EDIBLE FISHERY PRODUCTS - CONTINUED	UNIT	QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
FRESH OR FROZEN: - CONTINUED					
SHELLFISH, ETC.:					
CRABS:					
FRESH OR FROZEN (INCLUDING PREPARED OR PRESERVED, EXCEPT CANNED)	1,000 POUNDS	841	218	323	80
CRAB MEAT (FRESH COOKED)	DO	49	28	40	30
LOBSTERS:					
COMMON (INCLUDES FRESH-COOKED MEAT)	DO	18,597	17,421	17,047	15,521
SPINY	DO	37,814	61,280	36,923	61,054
SHRIMP:					
BREADED	DO	778	704	527	527
SHELL-ON	DO	114,177	76,468	129,919	102,147
PEELED, RAW	DO	31,961	24,635	37,233	31,255
PEELED, COOKED, BUT NOT BREADED	DO	2,883	1,921	1,987	1,733
UNCLASSIFIED	DO	10,488	7,549	6,759	5,577
TOTAL SHRIMP	DO	160,287	111,277	176,425	141,239
CLAMS (IN SHELL OR SHUCKED)	DO	573	97	703	125
OYSTERS:					
EXCEPT SEED OYSTERS	DO	1,290	617	1,138	560
UNCLASSIFIED (PRINCIPALLY SEED OYSTERS)	DO	3,737	416	1,973	313
SCALLOPS	DO	16,495	10,643	16,712	8,375
FROG LEGS (INCLUDES PREPARED AND PRESERVED)	DO	2,798	1,984	3,301	2,474
TURTLES (LIVE ONLY)	DO	520	56	199	36
TOTAL SHELLFISH, ETC., FRESH AND FROZEN	DO	243,001	204,037	254,784	229,807
TOTAL FRESH AND FROZEN FISH, SHELLFISH, ETC.	DO	1,170,122	394,072	1,315,180	468,674
CANNED:					
FISH:					
ANCHOVIES:					
IN OIL	DO	4,543	3,617	4,893	3,722
NOT IN OIL	DO	1,050	283	830	249
SALMON:					
IN OIL	DO	12	26	16	31
NOT IN OIL	DO	89	54	573	314
SARDINES:					
IN OIL	DO	21,532	10,241	23,601	11,535
NOT IN OIL	DO	23,538	3,634	33,987	5,495
HERRING:					
IN OIL	DO	52	24	50	24
NOT IN OIL	DO	7,897	2,749	9,690	3,405
TUNA:					
IN OIL, ALBACORE	DO	211	121	160	94
IN BRINE:					
ALBACORE	DO	33,155	14,495	38,736	18,877
OTHER	DO	17,595	5,812	22,664	8,627
TOTAL IN BRINE	DO	50,750	20,307	61,400	27,504
BONITO AND YELLOWTAIL:					
IN OIL	DO	2,044	600	1,534	472
IN BRINE	DO	1,888	443	1,320	322
TOTAL BONITO AND YELLOWTAIL	DO	3,932	1,043	2,854	794
POLLOCK, SMOKED	DO	12	10	7	6
ANTIPASTO, IN OIL	DO	199	168	257	202
FISH CAKES, BALLS AND PUDDING	DO	1,137	297	1,117	289
CAVIAR AND OTHER FISH ROE (MAY INCLUDE SOME NOT CANNED)	DO	411	1,341	527	1,241
FISH PASTE AND SAUCE	DO	144	83	168	104
UNCLASSIFIED FISH:					
IN OIL	DO	439	243	631	318
NOT IN OIL	DO	5,357	944	22,120	3,181
TOTAL CANNED FISH	DO	121,305	45,185	162,881	58,508

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1965-66 - Continued

ITEM		1965		1966	
EDIBLE FISHERY PRODUCTS - CONTINUED	UNIT	QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
CANNED - CONTINUED:					
SHELLFISH, ETC.:					
ABALONE (MAY INCLUDE FRESH OR FRIED, AND CANNED PASTE AND SAUCE)	1,000 POUNDS	5,993	3,298	5,027	2,844
CLAMS:					
RAZOR	DO	57	33	14	9
OTHER	DO	1,319	831	1,924	1,235
CHOWDER, JUICE, ETC.	DO	47	34	52	7
CRAB MEAT (INCLUDES PASTE AND SAUCE)	DO	4,166	4,935	2,257	2,819
LOBSTER MEAT:					
COMMON	DO	2,851	7,128	2,861	6,747
SPINY	DO	129	208	157	317
SHRIMP	DO	2,248	2,201	1,547	1,500
OYSTERS AND OYSTER JUICE	DO	8,638	3,225	12,015	4,494
UNCLASSIFIED (INCLUDES SHELLFISH PASTE AND SAUCE)	DO	4,712	1,759	5,835	2,127
TOTAL CANNED SHELLFISH	DO	30,160	23,652	31,689	22,099
TOTAL CANNED FISH, SHELLFISH ETC.	DO	151,465	68,837	194,570	80,607
CURED:					
DRIED SHRIMP	DO	407	276	578	390
DRIED (UNSALTED):					
COD, HADDOCK, HAKE, POLLOCK AND CUSK	DO	930	554	842	547
SHARK FINS	DO	101	112	114	120
UNCLASSIFIED	DO	129	117	103	91
TOTAL DRIED (UNSALTED)	DO	1,567	1,059	1,637	1,148
PICKLED OR SALTED:					
COD, HADDOCK, HAKE, POLLOCK, AND CUSK:					
SKINNED OR BONED	DO	8,610	2,838	8,291	2,983
OTHER	DO	32,931	6,749	33,278	7,695
HERRING	DO	26,742	3,756	31,493	4,690
MACKEREL	DO	1,357	220	2,080	384
SALMON	DO	40	29	42	32
UNCLASSIFIED	DO	256	196	303	212
TOTAL PICKLED OR SALTED	DO	69,936	13,788	75,487	15,996
SMOKED OR KIPPERED:					
COD, HADDOCK, HAKE, POLLOCK, AND CUSK:					
WHOLE, BEHEADED, OR EVISCERATED OR BOTH	DO	111	33	174	56
FILLETS, STEAKS, ETC.	DO	1,374	425	1,503	489
HERRING:					
WHOLE OR BEHEADED:					
HARD DRY SMOKED	DO	20	3	60	8
OTHER	DO	904	132	1,067	161
BONED AND NOT BONED (EVISCERATED, SPLIT)	DO	1,009	209	990	226
MACKEREL	DO	1	(3)	-	-
SALMON	DO	90	122	89	130
UNCLASSIFIED	DO	90	31	127	42
TOTAL SMOKED OR KIPPERED	DO	3,599	955	4,010	1,112
TOTAL CURED	DO	75,102	15,802	81,134	18,256
OTHER FISH AND SHELLFISH, NOT ESPECIALLY PROVIDED FOR	DO	2,089	701	2,475	679
TOTAL EDIBLE FISHERY PRODUCTS	DO	1,398,778	479,412	1,593,359	568,216
NONEDIBLE FISHERY PRODUCTS					
OILS, FISH AND MARINE ANIMAL:					
COD:					
INDUSTRIAL	1,000 GALLONS	615	456	633	455
MEDICINAL (LIVER)	DO	587	545	538	518
HERRING	DO	99	78	957	519
SOD	DO	50	17	44	17
WHALE:					
SPERM:					
REFINED	DO	1,775	1,336	994	764
CRUDE	DO	8,175	4,423	6,511	3,890
OTHER	DO	(3)	1	(3)	2

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1965-66 - Continued

ITEM		1965		1966	
NONEDIBLE FISHERY PRODUCTS - CONTINUED	UNIT	QUANTITY	1,000 DOLLARS	QUANTITY	1,000 DOLLARS
OILS, FISH AND MARINE ANIMAL - CONTINUED:					
UNCLASSIFIED:					
BODY	1,000 GALLONS	9	6	(3)	(3)
LIVER	DO	13	83	11	134
TOTAL FISH AND MARINE ANIMAL OIL	DO	11,323	6,945	9,688	6,299
MEAL AND SCRAP:					
ANIMAL FEED	1,000 TONS	271	30,715	448	59,292
FERTILIZER	DO	(3)	5	13	620
TOTAL MEAL AND SCRAP	DO	271	30,720	461	59,912
FISH SOLUBLES	DO	5	263	5	319
FISH SOUNDS	1,000 POUNDS	18	44	90	95
GLUE	DO	963	194	1,113	257
ISINGLASS	DO	28	24	44	42
PEARL ESSENCE	DO	23	88	22	178
AQUARIUM FISH (INCLUDING GOLDFISH)	-	-	795	-	860
FISH (OTHER THAN FOR HUMAN CONSUMPTION)	-	-	4,351	-	6,727
CUTTLEFISH BONE	1,000 POUNDS	233	80	264	88
SHELLS AND BUTTONS:					
MARINE SHELLS, CRUDE (UNMANUFACTURED)	DO	1,757	323	2,382	373
SHELL AND MOTHER-OF-PEARL, ORNAMENTED	-	-	728	-	876
OCEAN AND FRESH-WATER PEARL AND SHELL BUTTONS AND BLANKS	-	-	1,222	-	855
PEARLS:					
CULTURED	-	-	21,674	-	21,236
NATURAL	-	-	592	-	733
TOTAL PEARLS	-	-	22,266	-	21,969
AMBERGRIS	-	-	141	-	31
SPERMACETI WAX	1,000 POUNDS	180	38	228	49
AQUATIC LEATHERS (INCLUDING SEALSKINS, REPTILIAN AND OTHER AQUATIC LEATHER PRODUCTS)	-	-	22,644	-	20,468
MOSS AND SEAWEEDS	1,000 POUNDS	7,287	1,748	18,037	2,690
AGAR-AGAR	DO	944	1,635	679	1,371
SODIUM ALGINATE	DO	818	392	840	479
SPONGES:					
SHEEPSWOOL	DO	16	46	6	24
YELLOW, GRASS OR VELVET	DO	16	23	15	24
HARDHEAD, REEF AND OTHER	DO	63	692	89	936
TOTAL SPONGES	DO	95	761	110	984
CORAL, UNCUT, UNMANUFACTURED	DO	202	26	284	38
OTHER FISH, SHELLFISH AND MARINE ANIMAL PRODUCTS:					
CHEMICALS AND RELATED PRODUCTS	-	-	17,449	-	18,276
NONMETALLIC MINERALS AND PRODUCTS	-	-	2,777	-	2,521
MISCELLANEOUS ITEMS	-	-	5,838	-	6,474
TOTAL NONEDIBLE FISHERY PRODUCTS	-	-	121,492	-	152,231
GRAND TOTAL	-	-	600,904	-	720,447

1/ INCLUDES BUREAU OF CUSTOMS DATA ON IMPORTS OF FRESH SEA HERRING INTO MAINE THAT AMOUNTED TO 154,589,000 POUNDS. BUREAU OF CENSUS DATA, WHICH DID NOT INCLUDE MOST ENTRIES VALUED AT LESS THAN $250, AMOUNTED TO 122,200,000 POUNDS, VALUED AT $1,873,183.

2/ INCLUDES LANDINGS OF FOREIGN-CAUGHT TUNA IN AMERICAN SAMOA. SUCH LANDINGS ARE NOT INCLUDED IN THE BUREAU OF CENSUS DATA BECAUSE OF THE TERRITORIAL SITUATION OF THE POSSESSION.

3/ LESS THAN 1,000 UNITS OR $1,000.

SECTION 2 - NEW ENGLAND FISHERIES

The commercial fisheries of the New England States (Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut) took 684.4 million pounds of fish and shellfish worth a record $78.2 million. This catch was a decline of 17.8 million pounds (3 percent), but an increase of $3.4 million (5 percent) compared with 1965. The average price per pound was a record 11.4 cents. Landings of cod, whiting, unclassified industrial fish, shrimp, and soft clams increased, but landings of yellowtail flounders, ocean perch, and sea herring declined.

Landings were down in each State except Rhode Island, where production was 40 percent greater than in 1965 as a result of large increases in the catch of unclassified industrial fish used for reduction. Massachusetts continued to lead in landings with 409.7 million pounds--60 percent of the New England total. Maine was second with 200.4 million (29 percent), followed by Rhode Island with 68.1 million (10 percent). Connecticut, 4.9 million pounds, and New Hampshire, 1.3 million pounds, together supplied the remaining 1 percent.

Fishermen and Vessels. The New England fisheries had 18,518 fishermen using 704 vessels (5 net tons or more) and 9,899 other craft. Compared with 1965, the number of vessels increased by one, but the number of fishermen declined by 917 and other craft by 918.

Vessel construction. Sixteen new vessels were launched in 1966. Ten of these craft claimed New Bedford as home port, five operated from Maine ports, and one joined the Rhode Island fleet. The Boston and Gloucester fleets had no newly constructed vessels although Boston added two trawlers that were built in the United States but had been fishing under foreign registry. Gloucester, New Bedford, and Rockland also added one each of these second-hand vessels.

Among the new vessels joining the New England fleet in 1966 was the Victor--the first to be approved for construction under the U.S. Fishing Fleet Improvement Act (P.L. 88-498). The 88-foot, steel vessel was built in Sturgeon Bay, Wis., and joined the New Bedford fleet as a scalloper. Later in the year, three other vessels built under this program entered the New Bedford fishery, including the Smaragd, a 94-foot, steel stern-ramp scalloper--the first of this design.

The New England fleet lost five vessels--three from New Bedford and two from Gloucester. No lives were lost.

Labor. Labor Management Disagreements ended the relatively peaceful relations that had prevailed for some time in the New England fishing industry.

In Boston, a dispute between seafood workers and employers stopped work for 3 weeks. The 3-year contract approved by both labor and management provided that employees would receive average pay increases totaling 35 cents an hour and additional benefits of increased health and welfare payments, longer vacations, and sick leave.

In Gloucester, a disagreement between fishermen and vessel owners over a new contract resulted in a 42-day tie-up. The new 2-year contract did not change the division of proceeds from sale of the catch, but did provide that 0.5 percent would be deducted from the gross stock and paid to a pension fund. This assessment is in addition to the 1.0 percent previously taken out for a welfare plan. Other fringe benefits received included eliminating crew payments toward certain items of electronic equipment and providing for payment of crew members for work performed while the vessel is in port.

During February, a 2-year agreement between fishermen and vessel owners at Boston provided for the establishment of a pension fund, increases of at least $4.00 a day to stevedores or "lumpers," and various fringe benefits.

A 19-day work stoppage by employees at three Gloucester cold storage plants temporarily disrupted operations, but a settlement in early June averted more serious consequences.

Other large New England ports had no major work stoppages or tie-ups of their fleets. An agreement, providing for higher rates, ended a short strike in the $1.3-million marine worm industry.

Weather. The New England weather was unusually severe in January and February. Violent storms with strong winds and rough seas hampered fishing and contributed to reduced landings at most major ports. Shore installations at Provincetown were badly damaged during one of these storms. The New Bedford dragger, Venture I, severely beaten by gale winds and heavy seas was assisted by Russian fishermen. Two of the fishermen were taken aboard a Russian vessel and given emergency medical treatment until the United States Coast Guard arrived.

Groundfish. Landings of the six groundfish species (cod, cusk, haddock, white hake, pollock, and ocean perch) were 265.6 million pounds worth $21.4 million--a 3-percent decline in volume, but a 2-percent increase in value compared with 1965. Imports of groundfish fillets (including blocks) were a record 315.1 million pounds--7 percent more than in the previous year. The available supply

(U.S. production plus imports) of groundfish fillets and blocks in the United States was a record 390.0 million pounds in 1966. U.S. production of 74.9 million was only 19 percent of the available supply.

Haddock. Haddock landings of 132.3 million pounds were 1.6 million (1 percent) less than in 1965. The value, however, was a record $13.9 million--2 percent greater than in the previous year. Scrod haddock dominated the landings. The heavy proportion of scrod is expected to continue into 1967. The haddock fishery has had three successive poor year classes beginning in 1964. Large haddock accounted for only 31 percent of the 1966 landings--compared with 44 percent in 1965 and 54 percent in 1964.

Boston's share of the Massachusetts haddock landings continued the downward trend of recent years and dropped to 57 percent--a sharp decline compared with 65 percent in 1965. The decline at Boston in 1966 was partly the result of work stoppage of shoreworkers during May when production is usually high. As a result of this, the Boston vessels landed at Gloucester or New Bedford. Receipts at Gloucester were 24 percent of Massachusetts landings and at New Bedford, 14 percent.

Ocean perch. Ocean perch landings of 81.6 million pounds were the lowest since 1939, and far less than the 1951 peak production of 258.3 million. Landings were 2.1 million pounds less than in 1965, although the value of $3.4 million remained about the same as in the previous year. Maine ports continued to receive most of the landings--80 percent compared with 72 percent a year earlier. Landings at Gloucester, Mass., accounted for 19 percent, and the remaining 1 percent was landed at other New England ports.

The number of plants processing ocean perch has declined sharply in recent years, and most of the vessels that formerly fished for ocean perch have turned to other fisheries. Despite indications that ocean perch are increasingly available on many fishing grounds, the small size of the fish or the presence of objectionable copepods makes a great deal of this potential supply undesirable for marketing.

Imports of ocean perch fillets were a record 41.6 million pounds--an increase of 62 percent compared with 1965. U.S. holdings of ocean perch fillets on December 31, 1966, were 17.9 million pounds--5.7 million more than a year earlier. Average holdings for the 5-years, 1962-66, was 15.1 million pounds.

Yellowtail flounder. Landings of yellowtail flounders were 63.4 million pounds--compared with 76.6 million in 1965 and 79.3 million in 1964. New Bedford received 53.3 million pounds (84 percent) of the total--12.7 million pounds less than the previous year.

The value of yellowtail flounder landings for both New England and New Bedford, set records of $7.8 million and $6.8 million, respectively.

The phenomenal increase in yellowtail flounder in recent years has resulted in employment for hundreds of fishermen and for many persons working in 11 processing plants in New Bedford.

Scientists studying the yellowtail fishery doubt however, that the catch will be maintained at even the 1966 level. The size composition of landings indicate that this species is becoming less available. Various conservation measures have been proposed, such as the use of larger mesh sizes, closing of certain fishing grounds and legally imposed size limitations on fish taken. In 1966, much of the fishing was in waters off Long Island, N.Y., where the flounders were smaller than those caught in previous years on Georges Bank and Nantucket Shoals.

Blackback flounder. Landings of blackback flounders, 26.3 million pounds, were 25 percent more than in 1965 and partly compensated for the decline in the yellowtail flounder catch.

The value, nearly $3.0 million, was 46 percent more than in the previous year.

Massachusetts led in blackback production with 80 percent of the catch--followed by Rhode Island with 16 percent, and Connecticut with most of the remainder. As with the yellowtail flounder, New Bedford was the principal port with 17.0 million pounds valued at $2.1 million.

Whiting. The whiting catch of 83.8 million pounds was 8.5 million more than in the previous year; and the record value, $3.6 million, nearly doubled that of 1965.

Landings in Maine established both volume and value records--29.7 million pounds worth $1.1 million. This was more than double the value for any previous year in the history of the Maine whiting fishery.

The 1966 season got off to a slow start in April with landings of about 1.0 million pounds. Whiting producers, because of a scarcity of fish, became apprehensive about completing orders, and buyers throughout the country bought earlier than usual. It was not until August that it began to appear possible that the 1965 catch could be equalled or exceeded. During that month, about 31.0 million pounds of whiting were landed at Maine and Massachusetts ports. The ex-vessel price at Gloucester during the first 2 months of the season was 5 cents to the fishermen but later in the year, it stabilized at 4-1/2 cents.

Previously, headed and dressed whiting had never faced foreign competition but in 1966, a wholesale price of 18 cents or more helped to open up a new market for importers. Late that year, the United States imported several lots of "Argentine whiting," priced to compete with domestic whiting.

Producers and fishermen in the whiting industry immediately asked for higher import duties and also claimed that "Argentine whiting" is not a whiting but a hake, and should be marketed as such. On December 31, 1966, cold storage holdings of headed and dressed whiting were 16.6 million pounds compared with 9.0 million a year earlier. The average holdings for the 5-years, 1962-66, was 11.8 million pounds.

Sea herring. Sea herring landings were 65.5 million pounds worth $1.3 million.

Maine accounted for 58.3 million pounds--a decline of 11.9 million compared with 1965. This amount was the lowest catch of Maine herring since 1943, except the 1961 landings of 54.5 million pounds. The value of $1.2 million, however, was 4 percent higher than in the previous year. New legislation allowed year-round canning of both Maine-caught sea herring and imports for the first time. Imports of sea herring from Canada were 154.6 million pounds--36.6 million more than in 1965.

Twenty-three canneries processed 1,322,500 standard cases of Maine sardines compared with 1,266,900 standard cases processed in 1965 by the same number of firms. Imports of canned sardines, including sea herring, were 67.3 million pounds--compared with 53.0 million in 1965.

The Bureau of Labor Statistics' report on wholesale average prices and indexes for edible fish and shellfish for December 1966 quoted Maine sardines, keyless, in oil, at $11.25 per standard case--$1.00 more than in December 1965. Canner's stocks of Maine sardines on December 31, 1966, were 355,000 cases--a decline of 165,000 cases compared with the previous year.

Industrial fish. The 63.4-million-pound landings of unclassified species of industrial fish for processing into fish meal and oil were 2.0 million pounds more than in the previous year. Rhode Island with 36.6 million pounds had 58 percent of the landings--a considerable gain compared with 1965, when Rhode Island landings were only 27 percent of the total. Chiefly responsible for the improved production was the reactivation of the reduction plant at Point Judith, R.I. Landings of industrial fish in Massachusetts, however, were 25.1 million pounds--18.0 million less than in the previous year.

The problem of finding sufficient industrial fish to supply market demand continued to concern the fishermen and the industry. In 1966, otter-trawl fishermen were unable to locate the usually plentiful red hake. Also searching for industrial fish was the small New England purse seine fleet which, unsuccessful in the tuna fishery, was landing principally alewives and herring. Menhaden, formerly landed in considerable volume by purse seiners, have not been available for 4 consecutive years.

Tuna. Tuna landings by purse seine vessels declined for the third consecutive year. Only 1.6 million pounds were taken--a decrease of 646,000 pounds compared with 1965. The tuna catch was taken principally by six small New England-based seiners.

Small quantities of tuna were taken in the longline fishery, and some bluefin were landed by pound net fishermen and harpooners--generally large fish weighing 500 pounds or more.

Swordfish. The five vessels in the longline fishery caught 693,000 pounds of swordfish--compared with 603,000 pounds landed by nine vessels in 1965. The fishery in general has disappointed those who entered it. Catches have not met with early expectations, costs and losses of gear have been high, and prices for fish low. The low prices were primarily caused by the small size of the fish caught.

Lobsters. Lobster landings of 28.0 million pounds declined 523,000 pounds compared with the previous year. The record value, $21.1 million, was 1 percent more than in 1965.

Maine landings of 19.9 million pounds were 71 percent of the total New England lobster production, followed by Massachusetts with 17 percent, and Rhode Island, 6 percent. The remaining was 6 percent divided between New Hampshire and Connecticut.

Otter-trawl landings were 3.0 million pounds--28 percent less than in the previous year. In Rhode Island, 69 percent of the lobster landings were taken with this gear, and in Massachusetts, 34 percent. Maine does not permit the sale of otter-trawl-caught lobsters within its boundaries. The principal grounds for the offshore lobster fishery are along the 100-fathom line of the Continental Shelf from Virginia northward to the northern edge of Georges Bank.

Imports from Canada of fresh and frozen lobsters, including fresh-cooked meat, were 17.1 million pounds--compared with 18.6 million in 1965. In recent years, Canada has expanded its export market for live lobsters to include Europe. The decline in Canadian exports to the United States has contributed to the increase of domestic lobster prices.

Sea scallops. Landings of 11.1 million pounds of sea scallop meats worth $5.5 million declined 10 percent and 34 percent, respectively, compared with the previous year. These were the lowest landings since 1946. The New England sea scallop fishery has declined each year since 1961, when a record 23.8 million pounds were landed.

For the second consecutive year, the greater part of the catch was taken from fishing grounds off the coast of the Middle Atlantic States. Stocks of scallops on Georges Bank, long the source of most sea scallops landed in New England, appear to be less than in previous years. Present stocks there cannot support as large a fishery as formerly and the scarcity of larger scallops has resulted in the catching and shucking of small scallops that previously were not fished or, if caught, were returned to the ocean.

The market price of sea scallops at the beginning of 1966 was somewhat affected by the sharp price decline that occurred late in 1965. The ex-vessel price of sea scallops in New Bedford early in January 1966 was 47 to 48 cents per pound; by the end of the year, it was 64 to 65 cents per pound. Imports of fresh and frozen sea scallops in 1966 were a record 16.7 million pounds--of which 16.6 million came from Canada.

Shrimp. Northern shrimp are becoming increasingly important to the fisheries of Maine. Landings of 3.9 million pounds worth $542,000 were 86 percent greater in volume and 124 percent in value than in the previous year. As recently as 1961, the catch was only 68,000 pounds. Seventy-four vessels and boats, most operated by two-men crews, earned a good livelihood during January, February, and March, months previously considered to be the unproductive part of the year for fisheries.

Shrimp are landed "heads-on," so shore labor removes the heads and processes the tails. In addition to the customary hand labor, three peeling machines were used in 1966. Because of the heavy volume, the machines can process only part of the shrimp landings. Machine processing will probably increase as markets develop.

The expanding market for shrimp was apparent when Great Britain made a large purchase of Maine shrimp in 1966. Despite the growing demand, however, the rapidly increasing catch remained slightly ahead of existing markets. Some of the fishermen limited their catches and a few remained in port when the supply exceeded the market. The success of the Maine shrimp fishery generated interest in New Hampshire and Massachusetts ports and for the first time, shrimp were landed commercially at Portsmouth, N.H.

Maine received approval of a project to begin in 1967, using funds granted under the Commercial Fisheries Research and Development Act (P.L. 88-309) to determine the seasonal and geographical distribution of commercial quantities of shrimp.

Shore and plant development. Considerable progress was made in Gloucester waterfront's Urban Renewal Project in 1966. Construction was well underway on a 25-million-pound capacity cold storage facility; demolition of old buildings and plants was nearly completed; and new roads and grading, were nearing completion. Processing plants and berthing areas were relocated as a result of the development, and considerable dissatisfaction was evident among vessel owners and fresh fish processors over the difficulty in obtaining alternate locations. Most of these problems have yet to be resolved.

In the Boston Urban Renewal program, no action has yet been taken on the proposed relocation of the fish and shellfish concerns along Atlantic Avenue. Several sites have been proposed for a development to house these plants, but no definite decision has been made.

A harbor of refuge for Provincetown was still in the planning stage. A Harbor of Refuge Committee is pressing for a 3,000-foot-long breakwater to run 400 to 600 feet from the Town Pier. A proposal by the U.S. Corps of Engineers would place the breakwater further out and make it shorter.

A former sardine cannery in Robbinston, Me., was converted to a tuna canning plant. New England now has two tuna canneries, both in Maine.

New Hampshire has its first major fish and shellfish processing plant in recent history. Construction was well underway in 1966 on a $3-million cold storage and prepared foods processing plant at Portsmouth. The facility should be in full operation by the end of 1967.

Oil Exploration. Research for possible oil deposits off the coast of Massachusetts alarmed the New England fishing industry. Seismic explosions used in the explorations allegedly resulted in the death of thousands of fish near Pollock Rip Lightship. Fishermen protested quickly, and use of explosives were discontinued in favor of other devices. The fishing industry has formed a 10-member committee to monitor all future underwater explorations in the coastal waters of the New England States. Committee members state they will seek legislation, if necessary, to protect their fishing grounds.

Bureau Activities. Fishery Products Inspection Service (USDI), first made available to the industry by the Bureau of Commercial Fisheries in 1958, found increasing favor in 1966. Ten New England plants processed fish and shellfish under the Continuous Inspection Program, while many other plants and individuals took advantage of the Lot Inspection Service offered by the Bureau.

The Bureau's first mobile laboratory for the inspection of fishery products was placed in operation in 1966. Based at the Gloucester Technological Laboratory, the unit was designed to make on-the-spot lot inspections in remote areas when requested by packers or purchasers. The use of the unit has improved both the promptness of service and the cost of lot inspection to industry.

On November 3, 1966, the keel was laid at Portland, Maine, for the Bureau of Commercial Fisheries research vessel Delaware II. The 155-foot, 1,000-horsepower vessel will replace the Gloucester-based Delaware as the Bureau's primary vessel for fishery exploration and gear research in the North Atlantic. The vessel is scheduled for commissioning late in 1967.

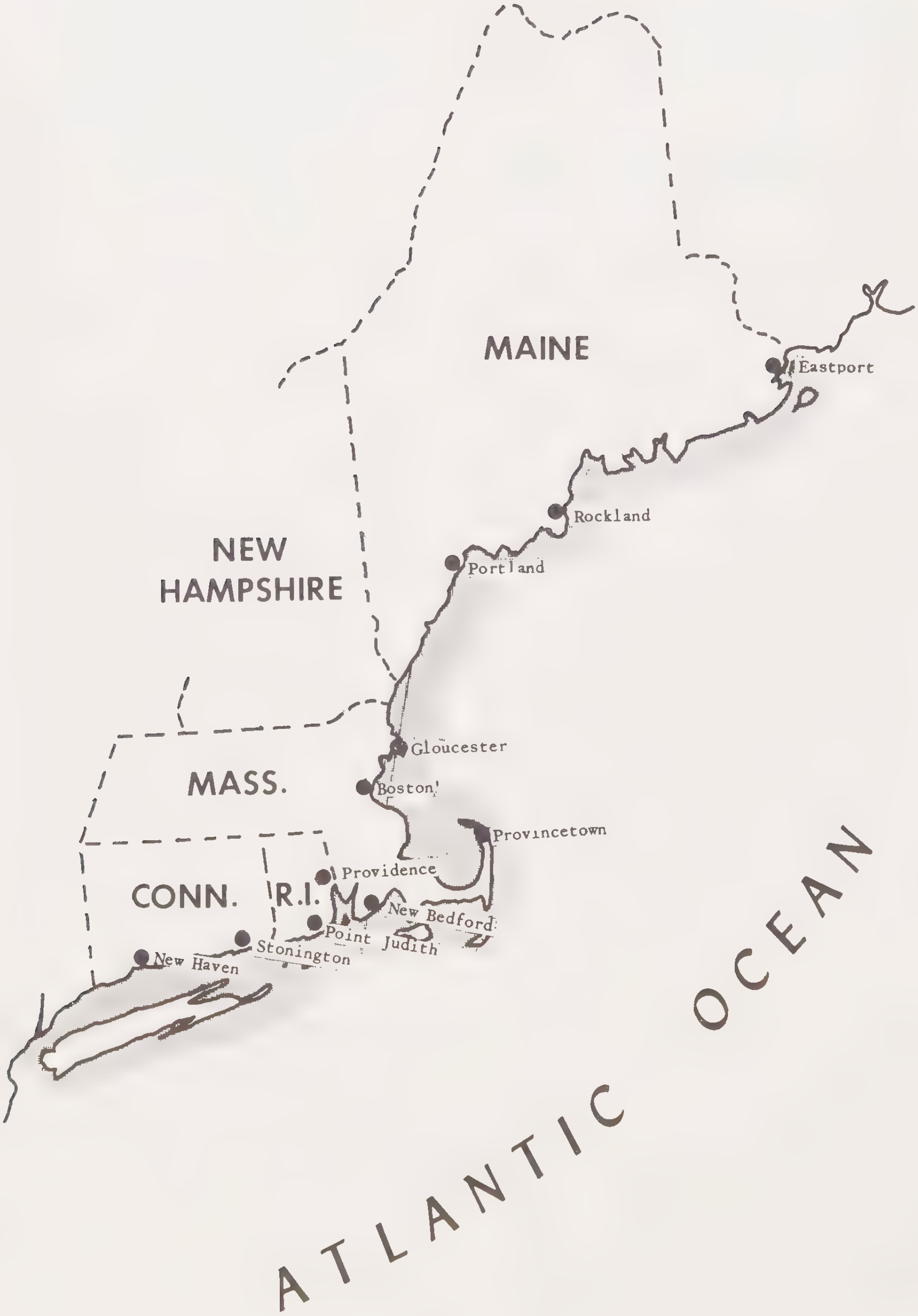
A shipyard fire in the previous year destroyed another Delaware II when only partially constructed. Damage to the yard itself was extensive, and new construction was delayed for over a year. The original Delaware was built for commercial service in 1937 and has been used by the Bureau since 1949 primarily on exploratory fishing and gear research programs.

During the year the world's first shipboard irradiator was placed aboard the Delaware. Studies were made on the feasibility of using radiation at sea to improve the quality of fresh fish landings. These tests supplement the work in progress at the Marine Products Development Irradiator located at the Bureau's Technological Laboratory in Gloucester.

Under the Commercial Fisheries Research and Development Act (P.L. 88-309), a $200,000 grant to the State of Connecticut was approved by Secretary of the Interior, Stewart L. Udall, to help restore severely damaged oyster grounds. Successive years of drought damage reached a climax in the previous year when a natural set of seed oysters failed. Connecticut has supplemented the Federal funds in a cooperative effort to restore the once-valuable fishery.

Other information. The following tables contain summarized and detailed information on the 1966 operating units and landings of fish and shellfish in the New England States. Condensed summary data on the operating units and landings by States of the New England area, appearing on the following pages, have been previously published in Current Fishery Statistics No. 4,602. Additional data on many aspects of the New England fisheries may be found in Maine, Massachusetts, and Rhode Island monthly and annual landing bulletins released by the Branch of Fishery Statistics and in daily, monthly, and annual reports published by the Bureau's Fishery Market News Office, Commonwealth Pier, Boston, Mass.

Acknowledgments. The following organizations assisted in collecting the data appearing in this section: Maine Department of Sea and Shore Fisheries; New Hampshire Fish and Game Department; Massachusetts Department of Natural Resources, Division of Marine Fisheries; Rhode Island Department of Agriculture and Conservation, Division of Fish and Game; Connecticut State Board of Fisheries and Game; and Connecticut State Shell Fish Commission.



NEW ENGLAND STATES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1966

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MAINE	167	6	33	18	200	24
NEW HAMPSHIRE	(1)	(1)	1	1	1	1
MASSACHUSETTS	389	34	21	12	410	46
RHODE ISLAND	64	3	4	2	68	5
CONNECTICUT	3	(1)	2	2	5	2
TOTAL	623	43	61	35	684	78

1/ LESS THAN 500,000 POUNDS OR $500,000.

SUMMARY OF OPERATING UNITS, 1966

ITEM	MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	CONNECT-ICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	438	-	3,174	471	93	3,874
ON BOATS AND SHORE:						
REGULAR	3,599	99	860	415	84	5,057
CASUAL	4,007	277	4,079	845	379	9,587
TOTAL	8,044	376	8,113	1,731	556	18,518
VESSELS, MOTOR	135	-	483	118	35	704
GROSS TONNAGE	7,318	-	40,026	4,847	1,080	48,416
BOATS:						
MOTOR	5,388	171	2,711	978	307	9,555
OTHER	231	7	59	33	16	344
GEAR:						
HAUL SEINES, COMMON	-	3	8	6	6	23
LENGTH, YARDS	-	150	452	600	462	1,664
STOP SEINES	98	-	-	-	-	98
LENGTH, YARDS	44,000	-	-	-	-	44,000
PURSE SEINES:						
HERRING	28	-	-	-	-	28
LENGTH, YARDS	9,850	-	-	-	-	9,850
MACKEREL	-	-	4	1	-	5
LENGTH, YARDS	-	-	1,650	100	-	1,750
TUNA	-	-	6	-	-	6
LENGTH, YARDS	-	-	3,900	-	-	3,900
OTHER	-	-	5	-	-	5
LENGTH, YARDS	-	-	2,600	-	-	2,600
BAG NETS	7	12	-	-	-	19
OTTER TRAWLS:						
FISH	122	-	413	85	52	624
YARDS AT MOUTH	2,450	-	11,211	2,121	825	15,452
LOBSTER	-	-	26	29	4	53
YARDS AT MOUTH	-	-	735	827	108	1,504
SHRIMP	74	1	-	-	-	75
YARDS AT MOUTH	1,284	20	-	-	-	1,304
WEIRS	76	5	-	-	-	81
POUND NETS, FISH	-	-	35	1	-	36
FLOATING TRAPS	8	-	13	26	-	47
POTS AND TRAPS:						
CONCH	-	-	205	368	803	1,376
CRAB	-	60	67	950	-	1,077
EEL	-	-	255	340	235	830
LOBSTER	775,708	17,300	114,036	11,844	13,320	932,208
BOX TRAPS	9	-	-	-	-	9
GILL NETS:						
ANCHOR, SET OR STAKE	6	-	13	-	8	26
SQUARE YARDS	24,240	-	79,800	-	1,485	93,525
DRIFT:						
SHAD	-	-	-	-	36	36
SQUARE YARDS	-	-	-	-	58,567	58,567
OTHER	1	3	73	-	7	84
SQUARE YARDS	60	8,500	50,260	-	1,946	60,766
LINES:						
HAND	432	381	1,748	246	48	2,855
HOOKS	432	940	2,882	429	96	4,779
TROLL	-	-	6	29	-	35
HOOKS	-	-	6	29	-	35

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1966 - Continued

ITEM	MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	CONNECT-ICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:						
LINES - CONTINUED:						
LONG OR SET WITH HOOKS	68	6	81	-	-	155
HOOKS	257,600	12,500	234,100	-	-	504,200
DIP NETS, COMMON	105	-	189	-	5	299
HARPOONS:						
SWORDFISH	-	-	22	1	-	23
OTHER	22	3	11	-	-	36
SPEARS	-	20	26	-	-	46
DREDGES:						
CLAM	-	-	29	52	5	86
YARDS AT MOUTH	-	-	28	52	5	85
MUSSEL	-	-	8	1	-	9
YARDS AT MOUTH	-	-	9	2	-	11
OYSTER, COMMON	3	-	3	-	19	25
YARDS AT MOUTH	3	-	3	-	27	33
SCALLOPS:						
BAY	-	-	1,945	-	-	1,945
YARDS AT MOUTH	-	-	1,674	-	-	1,674
SEA	41	-	75	4	-	114
YARDS AT MOUTH	70	-	305	11	-	363
TONGS:						
OYSTER	-	-	19	13	22	54
OTHER	-	-	170	665	8	843
RAKES:						
OYSTER	-	-	6	-	-	6
OTHER	231	-	1,074	165	-	1,470
HOES	2,290	35	574	55	3	2,957
FORKS	-	-	21	-	-	21
DIVING OUTFITS	-	-	59	2	-	61

LANDINGS BY STATES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	1,786	34	75	1	6,633	81
ANGLERFISH	-	-	-	-	199	14
BILLFISH	-	-	-	-	3	(1)
BLUEFISH	-	-	-	-	127	13
BONITO	-	-	-	-	3	(1)
BUTTERFISH	-	-	-	-	42	5
COD	2,802	176	73	6	33,517	2,899
CUSK	303	19	8	(1)	1,906	114
EEL, COMMON	49	10	7	2	25	6
FLOUNDERS:						
BLACKBACK	92	5	-	-	21,085	2,584
DAB	870	48	-	-	6,329	675
FLUKE	-	-	-	-	264	70
GRAY SOLE	414	39	-	-	4,492	555
LEMON SOLE	4	(1)	-	-	2,014	409
YELLOWTAIL	22	2	-	-	57,471	7,157
TOTAL FLOUNDERS	1,402	94	-	-	91,655	11,450
HADDOCK	1,773	174	55	7	130,182	13,735
HAKE:						
RED	-	-	-	-	903	21
WHITE	2,018	87	1	(1)	1,452	112
HALIBUT	102	37	3	2	202	80
HERRING, SEA	58,299	1,209	-	-	6,591	96
LAUNCE	-	-	26	3	93	10
MACKEREL, ATLANTIC	690	23	4	(1)	2,919	182
MENHADEN	-	-	-	-	3	(1)
OCEAN PERCH	65,082	2,679	-	-	16,467	746
OCEAN POUT	-	-	-	-	6	(1)
POLLOCK	1,076	52	12	1	7,608	452

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SALMON	(1)	(1)	-	-	-	-
SCUP OR PORGY	-	-	-	-	426	55
SEA BASS	-	-	-	-	2	(1)
SEA ROBIN	-	-	-	-	(1)	(1)
SHAD	2	(1)	-	-	12	1
SHARKS:						
GRAYFISH	477	4	-	-	-	-
UNCLASSIFIED	-	-	-	-	19	2
TOTAL SHARKS	477	4	-	-	19	2
SKATES	-	-	-	-	66	3
SMELT	255	49	95	35	7	3
STRIPED BASS	-	-	8	1	585	91
STURGEON, COMMON	(1)	(1)	-	-	2	(1)
SWORDFISH	171	73	-	-	683	272
TAUTOG	-	-	-	-	24	1
TILEFISH	-	-	-	-	28	2
TUNA:						
BLUEFIN	92	14	5	(1)	1,823	200
SKIPJACK	-	-	-	-	64	7
TOTAL TUNA	92	14	5	(1)	1,887	207
WHITE PERCH	-	-	-	-	16	1
WHITING	29,699	1,143	-	-	51,482	2,310
WOLFFISH	12	(1)	-	-	486	25
UNCLASSIFIED:						
FOR FOOD	303	21	-	-	7,282	623
BAIT, REDUCTION, AND ANIMAL FOOD	759	14	-	-	25,144	350
TOTAL FISH	167,152	5,912	372	58	388,687	33,962
SHELLFISH, ETC.						
CRABS:						
GREEN	-	-	16	1	20	2
ROCK	1,774	75	18	2	11	3
TOTAL CRABS	1,774	75	34	3	31	5
LOBSTERS, NORTHERN	19,916	14,905	807	585	4,828	3,697
SHRIMP	3,831	542	40	5	23	3
CLAMS:						
HARD:						
PUBLIC	(1)	(1)	-	-	1,300	1,073
PRIVATE	-	-	-	-	22	25
RAZOR	-	-	-	-	6	3
SOFT:						
PUBLIC	3,008	1,387	-	-	1,045	681
PRIVATE	-	-	-	-	(1)	(1)
SURF	-	-	-	-	35	8
TOTAL CLAMS	3,008	1,387	-	-	2,406	1,790
CONCHS	-	-	-	-	63	16
MUSSELS, SEA	240	20	-	-	186	25
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	-	-	6	14
FALL	4	5	-	-	5	10
PRIVATE:						
SPRING	-	-	-	-	20	55
FALL	-	-	-	-	32	84
TOTAL OYSTERS	4	5	-	-	63	163
PERIWINKLES AND COCKLES	52	13	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
SHELLFISH, ETC. - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SCALLOPS:						
BAY	-	-	-	-	880	1,076
SEA	320	181	-	-	10,814	5,331
TOTAL SCALLOPS	320	181	-	-	11,694	6,407
SQUID	-	-	-	-	35	2
SEA URCHINS	143	4	-	-	-	-
IRISH MOSS	2,440	45	-	-	1,660	29
BLOODWORMS	716	731	1	1	3	3
SANDWORMS	796	509	12	14	63	73
TOTAL SHELLFISH, ETC.	33,240	18,417	694	608	21,057	12,213
GRAND TOTAL	200,392	24,329	1,266	666	409,744	46,175

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	192	3	7	(1)	8,693	119
ANCHOVIES	4	1	-	-	4	1
ANGLERFISH	8	(1)	-	-	207	14
BILLFISH	4	1	-	-	7	1
BLUEFISH	72	9	56	8	255	30
BONITO	6	2	-	-	9	2
BUTTERFISH	1,115	157	28	4	1,165	166
CARP	-	-	(1)	(1)	(1)	(1)
CATFISH AND BULLHEADS	-	-	4	(1)	4	(1)
COD	728	58	170	14	37,290	3,153
CUNNER	(1)	(1)	-	-	(1)	(1)
CUSK	1	(1)	-	-	2,218	133
EELS:						
COMMON	25	7	8	2	114	27
CONGER	39	1	-	-	39	1
FLOUNDERS:						
BLACKBACK	4,275	294	831	58	26,283	2,941
DAB	34	3	-	-	7,233	726
FLUKE	456	130	90	26	810	226
GRAY SOLE	262	23	3	(1)	5,171	617
LEMON SOLE	34	5	-	-	2,052	414
YELLOWTAIL	5,855	607	53	5	63,401	7,771
TOTAL FLOUNDERS	10,916	1,062	977	89	104,950	12,695
HADDOCK	252	24	2	(1)	132,264	13,940
HAKE:						
RED	171	7	10	1	1,064	29
WHITE	57	3	4	(1)	3,532	202
HALIBUT	(1)	(1)	-	-	307	119
HERRING, SEA	602	19	11	(1)	65,503	1,324
KING WHITING OR "KINGFISH"	2	(1)	-	-	2	(1)
LAUNCE	-	-	-	-	119	13
MACKEREL, ATLANTIC	580	80	14	2	4,207	287
MENHADEN	9	(1)	2	(1)	14	(1)
OCEAN PERCH	3	(1)	-	-	81,552	3,425
OCEAN POUT	1	(1)	-	-	7	(1)
POLLOCK	51	2	2	(1)	8,749	507
SALMON	-	-	-	-	(1)	(1)
SCUP OR PORGY	5,543	1,005	519	85	9,468	1,145
SEA BASS	90	28	19	5	111	33
SEA ROBIN	207	3	31	1	238	4
SEA TROUT OR WEAKFISH, GRAY	1	(1)	-	-	1	(1)
SHAD	23	2	242	51	279	54
SHARKS:						
GRAYFISH	(1)	(1)	11	(1)	488	4
UNCLASSIFIED	1	(1)	-	-	20	2
TOTAL SHARKS	1	(1)	11	(1)	508	6

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SKATES	3	(1)	7	(1)	76	3
SMELT	1	(1)	1	(1)	359	87
STRIPED BASS	250	45	-	-	843	137
STURGEON, COMMON	5	1	3	(1)	10	1
SWORDFISH	1	1	-	-	855	346
TAUTOG	66	3	7	1	97	5
TILEFISH	806	90	3	(1)	837	92
TUNA:						
BLUEFIN	25	3	-	-	1,945	217
SKIPJACK	-	-	-	-	64	7
TOTAL TUNA	25	3	-	-	2,009	224
WHITE PERCH	12	2	-	-	28	3
WHITING	2,513	147	147	9	83,841	3,609
WOLFFISH	(1)	(1)	-	-	498	25
UNCLASSIFIED:						
FOR FOOD	38	3	24	2	7,647	649
BAIT, REDUCTION, AND ANIMAL FOOD	36,568	316	970	17	63,441	697
TOTAL FISH	63,991	3,085	3,279	291	623,481	43,308
SHELLFISH, ETC.						
CRABS:						
GREEN	7	1	-	-	43	4
ROCK	162	19	-	-	1,965	99
TOTAL CRABS	169	20	-	-	2,008	103
LOBSTERS, NORTHERN	1,673	1,285	783	646	28,007	21,118
SHRIMP	-	-	-	-	3,894	550
CLAMS:						
HARD:						
PUBLIC	1,605	799	5	2	2,910	1,874
PRIVATE	-	-	240	100	262	125
OCEAN QUAHOG	91	11	-	-	91	11
RAZOR	-	-	-	-	6	3
SOFT:						
PUBLIC	102	51	(1)	(1)	4,155	2,119
PRIVATE	-	-	-	-	(1)	(1)
SURF	-	-	-	-	35	8
TOTAL CLAMS	1,798	861	245	102	7,459	4,140
CONCHS	49	13	140	32	252	61
MUSSELS, SEA	4	1	-	-	430	46
OYSTERS, MARKET:						
PUBLIC:						
SPRING	1	1	-	-	7	15
FALL	2	2	7	9	18	26
PRIVATE:						
SPRING	1	1	202	397	223	453
FALL	1	2	127	269	160	355
TOTAL OYSTERS	5	6	336	675	408	849
PERIWINKLES AND COCKLES	-	-	-	-	52	13
SCALLOPS:						
BAY	-	-	-	-	880	1,076
SEA	13	8	-	-	11,147	5,520
TOTAL SCALLOPS	13	8	-	-	12,027	6,596
SQUID	386	44	102	8	523	54
SEA URCHINS	-	-	-	-	143	4
IRISH MOSS	-	-	-	-	4,100	74
BLOODWORMS	-	-	-	-	720	735
SANDWORMS	-	-	-	-	871	596
TOTAL SHELLFISH, ETC.	4,097	2,238	1,606	1,463	60,894	34,939
GRAND TOTAL	68,088	5,323	4,885	1,754	684,375	78,247

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON THE LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, MUSSELS, OYSTERS, AND PERIWINKLES AND COCKLES ARE REPORTED IN WEIGHT OF TOTAL MEATS. SCALLOPS ARE REPORTED IN WEIGHT OF EDIBLE MEATS.

LANDINGS OF CERTAIN SHELLFISH, 1966

(NUMBER AND BUSHELS)

SPECIES		MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:							
GREEN	NUMBER	-	-	225,715	$1,575	291,430	$2,148
ROCK	DO	5,322,600	$75,111	54,000	1,620	33,900	2,717
CLAMS:							
HARD:	U.S. STANDARD						
PUBLIC	BUSHELS	3	15	-	-	118,173	1,072,525
PRIVATE	DO	-	-	-	-	2,036	24,720
RAZOR	DO	-	-	-	-	344	2,828
SOFT:							
PUBLIC	DO	200,553	1,387,246	-	-	80,377	680,946
PRIVATE	DO	-	-	-	-	8	110
SURF	DO	-	-	-	-	3,209	8,032
CONCHS	DO	-	-	-	-	4,207	16,214
MUSSELS, SEA	DO	15,987	20,364	-	-	18,550	24,485
OYSTERS, MARKET:							
PUBLIC:							
SPRING	DO	-	-	-	-	908	13,500
FALL	DO	547	4,972	-	-	708	10,500
PRIVATE:							
SPRING	DO	-	-	-	-	3,108	54,700
FALL	DO	-	-	-	-	4,938	83,939
PERIWINKLES AND COCKLES	DO	2,872	13,209	-	-	-	-
SCALLOPS:							
BAY	DO	-	-	-	-	146,667	1,076,419
SEA	DO	53,250	181,155	-	-	1,802,283	5,330,538

SPECIES		RHODE ISLAND		CONNECTICUT		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:							
GREEN	NUMBER	93,775	$1,020	-	-	610,920	$4,743
ROCK	DO	487,800	19,030	-	-	5,898,300	98,478
CLAMS:							
HARD:	U.S. STANDARD						
PUBLIC	BUSHELS	133,725	799,438	425	$2,140	252,326	1,874,118
PRIVATE	DO	-	-	20,000	100,000	22,036	124,720
OCEAN QUAHOG	DO	9,100	11,372	-	-	9,100	11,372
RAZOR	DO	-	-	-	-	344	2,828
SOFT:							
PUBLIC	DO	7,846	51,043	8	64	288,784	2,119,299
PRIVATE	DO	-	-	-	-	8	110
SURF	DO	-	-	-	-	3,209	8,032
CONCHS	DO	3,280	12,681	9,320	32,208	16,807	61,103
MUSSELS, SEA	DO	350	700	-	-	34,887	45,549
OYSTERS, MARKET:							
PUBLIC:							
SPRING	DO	200	1,427	-	-	1,108	14,927
FALL	DO	214	1,509	922	9,120	2,391	26,101
PRIVATE:							
SPRING	DO	114	1,200	26,182	396,968	29,404	452,868
FALL	DO	186	1,800	16,545	269,283	21,669	355,022
PERIWINKLES AND COCKLES	DO	-	-	-	-	2,872	13,209
SCALLOPS:							
BAY	DO	-	-	-	-	146,667	1,076,419
SEA	DO	2,133	7,922	-	-	1,857,666	5,519,615

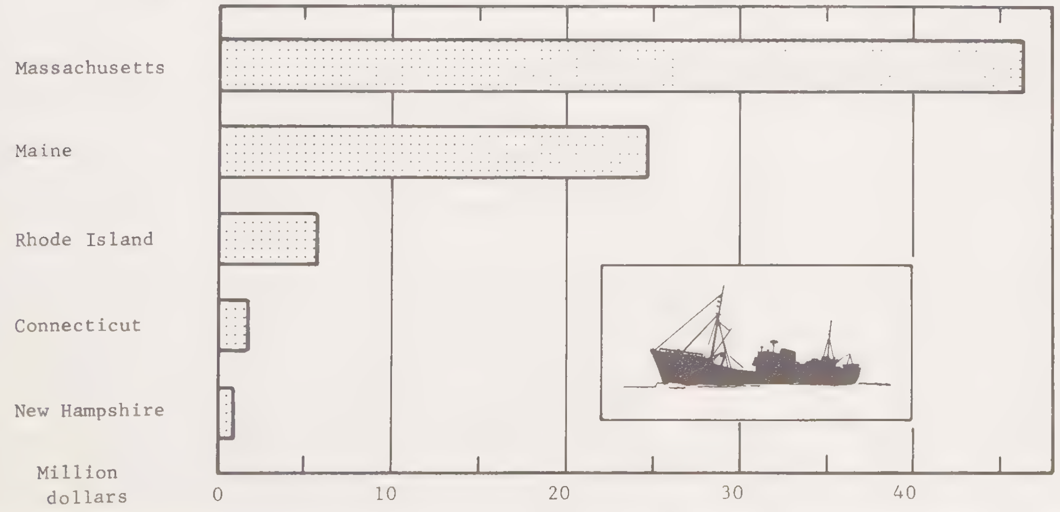
NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1966

SPECIES		MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT
		QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:						
GREEN	NUMBER PER POUND	-	14.29	14.29	13.79	-
ROCK.	DO	3.00	3.00	3.00	3.00	-
CLAMS:						
HARD:	LBS. OF MEATS					
PUBLIC. . . .	PER U.S.	11.00	-	11.00	12.00	12.00
PRIVATE . . .	STANDARD BUSHEL	-	-	11.00	-	12.00
OCEAN QUAHOG. .	DO	-	-	-	10.00	-
RAZOR	DO	-	-	16.00	-	-
SOFT:						
PUBLIC. . . .	DO	15.00	-	13.00	13.00	13.00
PRIVATE . . .	DO	-	-	13.00	-	-
SURF.	DO	-	-	11.00	-	-
CONCHS.	DO	-	-	15.00	15.00	15.00
MUSSELS, SEA. . .	DO	15.00	-	10.00	10.00	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING. . . .	DO	-	-	6.50	7.00	-
FALL.	DO	7.50	-	6.50	7.00	7.70
PRIVATE:						
SPRING. . . .	DO	-	-	6.50	7.00	7.70
FALL.	DO	-	-	6.50	7.00	7.70
PERIWINKLES AND COCKLES.	DO	18.00	-	-	-	-
SCALLOPS:						
BAY	DO	-	-	6.00	-	-
SEA	DO	6.00	-	6.00	6.00	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

VALUE OF NEW ENGLAND LANDINGS, BY STATES, 1966



PROCESSED FISHERY PRODUCTS, 1966

ITEM		MAINE		NEW HAMPSHIRE	
		QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:					
SALTED FILLETS	POUNDS	(1)	(1)	-	-
SMOKED	DO	(1)	(1)	-	-
COD:					
FILLETS, FRESH AND FROZEN	DO	166,885	$41,592	-	-
CANNED SPECIALTIES (FLAKES, CAKES, ETC.)	STANDARD CASES	(1)	(1)	-	-
SALTED (WHOLE, FILLETS, STRIPS AND BITS)	POUNDS	52,650	9,028	-	-
SMOKED FILLETS	DO	(1)	(1)	-	-
CUSK:					
FILLETS, FRESH AND FROZEN	DO	75,245	23,098	-	-
SALTED	DO	(1)	(1)	-	-
FLOUNDER FILLETS, FRESH	DO	34,560	12,335	-	-
HADDOCK:					
FILLETS, FRESH AND FROZEN	DO	664,673	295,993	-	-
CANNED SPECIALTIES (FINNAN HADDIE AND CREAMED)	STANDARD CASES	(1)	(1)	-	-
SMOKED (FINNAN HADDIE)	POUNDS	(1)	(1)	-	-
HAKE:					
WHITE:					
FILLETS, FRESH	DO	180,798	54,431	-	-
SALTED	DO	(1)	(1)	-	-
HERRING, SEA:					
CANNED:					
SARDINES	STANDARD CASES	1,332,544	12,261,590	-	-
SPECIALTIES (SPREADS)	DO	(1)	(1)	-	-
SMOKED	POUNDS	(1)	(1)	-	-
MEAL AND SCRAP	TONS	10,001	1,645,070	-	-
OIL	1,000 POUNDS	5,428	375,519	-	-
PEARL ESSENCE	-	-	816,000	-	-
MACKEREL, ATLANTIC, CANNED (NATURAL AND IN TOMATO SAUCE)	STANDARD CASES	(1)	(1)	-	-
OCEAN PERCH:					
FILLETS:					
FRESH AND FROZEN	POUNDS	16,545,530	4,303,603	-	-
BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)	-	-
MEAL AND SCRAP	TONS	4,865	777,310	-	-
OIL	1,000 POUNDS	536	36,163	-	-
POLLOCK:					
FILLETS, FRESH AND FROZEN	POUNDS	228,568	42,554	-	-
SALTED	DO	(1)	(1)	-	-
SMOKED (FINNAN HADDIE)	DO	(1)	(1)	-	-
SALMON, CANNED SPECIALTIES (SPREADS AND CREAMED)	STANDARD CASES	(1)	(1)	-	-
TUNA:					
CANNED:					
REGULAR	DO	(1)	(1)	-	-
SPECIALTIES (SPREADS AND CREAMED)	DO	(1)	(1)	-	-
ANIMAL FOOD	DO	(1)	(1)	-	-
OIL, LIVER	1,000 POUNDS	(1)	(1)	-	-
WHITING:					
HEADED AND DRESSED, FRESH AND FROZEN	POUNDS	12,628,762	1,749,338	-	-
FILLETS, FRESH AND FROZEN	DO	746,336	163,471	-	-
CRABS:					
COOKED MEAT, FRESH	DO	176,401	268,577	-	-
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (DEVILED, DIPS AND SPREADS)	DO	(1)	(1)	-	-
LOBSTERS, NORTHERN:					
FRESH AND FROZEN:					
COOKED MEAT	POUNDS	189,508	782,184	63,828	$274,844
WHOLE	DO	(1)	(1)	-	-
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (DIPS, SPREADS, BISQUE, ETC.)	DO	(1)	(1)	-	-
SHRIMP:					
FRESH AND FROZEN:					
RAW, HEADLESS	POUNDS	(1)	(1)	-	-
PEELED (INCLUDING DEVEINED) RAW	DO	804,375	669,146	(2)	(2)
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (DIPS)	DO	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		MAINE		NEW HAMPSHIRE	
		QUANTITY	VALUE	QUANTITY	VALUE
CLAMS:					
FRESH AND FROZEN, SHUCKED, SOFT	GALLONS	143,035	$912,929	59,506	$433,595
CANNED:					
WHOLE AND MINCED	STANDARD CASES	16,293	244,535	-	-
CHOWDER AND JUICE	DO	617,168	4,403,326	-	-
SPECIALTIES (CRISPS, A LA KING, IN SHELL, ETC.)	DO	(1)	(1)	-	-
UNCLASSIFIED:					
FRESH AND FROZEN, PACKAGED FISH:					
STICKS, BREADED:					
RAW	POUNDS	(1)	(1)	-	-
COOKED	DO	(1)	(1)	-	-
PORTIONS:					
RAW:					
NOT BREADED	DO	(1)	(1)	-	-
BREADED	DO	(1)	(1)	-	-
BREADED AND COOKED	DO	(1)	(1)	-	-
FISH AND SHELLFISH	DO	2,428,987	941,410	-	-
CANNED	STANDARD CASES	82,360	1,173,474	-	-
CURED	POUNDS	488,748	93,844	-	-
INDUSTRIAL	-	-	4,893,699	-	-
TOTAL	-	-	36,990,219	-	708,439

ITEM		MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
		QUANTITY	VALUE	QUANTITY	VALUE
CHUBS, SMOKED	POUNDS	(1)	(1)	-	-
COD:					
FILLETS:					
FRESH AND FROZEN	DO	4,999,264	$1,919,979	-	-
BREADED AND COOKED, FROZEN	DO	(1)	(1)	-	-
STEAKS, FRESH AND FROZEN	DO	44,988	13,794	-	-
CANNED SPECIALTIES (FLAKES, CAKES, ETC.)	STANDARD CASES	(1)	(1)	-	-
SALTED (WHOLE, FILLETS, STRIPS AND BITS)	POUNDS	(1)	(1)	-	-
SMOKED FILLETS	DO	(1)	(1)	-	-
OIL, LIVER	1,000 POUNDS	(1)	(1)	-	-
CUSK FILLETS, FRESH AND FROZEN	POUNDS	296,619	95,294	-	-
FLOUNDERS:					
FILLETS:					
FRESH	DO	20,262,935	9,269,285	822,332	$370,049
FROZEN	DO	11,232,103	4,878,873	420,064	147,022
BREADED, RAW AND COOKED, FROZEN	DO	2,016,415	1,194,001	-	-
SPECIALTIES, FROZEN (DINNERS AND IN SAUCES)	DO	1,039,740	800,133	-	-
HADDOCK:					
FILLETS:					
FRESH AND FROZEN	DO	38,597,386	16,173,590	-	-
BREADED, RAW AND COOKED, FROZEN	DO	987,301	505,794	-	-
SPECIALTIES, FROZEN (DINNERS AND AU GRATIN)	DO	(1)	(1)	-	-
SMOKED (FINNAN HADDIE)	DO	(1)	(1)	-	-
HAKE:					
RED, HEADED AND DRESSED, FROZEN	DO	-	-	24,250	3,395
WHITE, FILLETS:					
FRESH	DO	73,699	23,179	-	-
FROZEN	DO	6,650	1,585	-	-
HALIBUT:					
STEAKS, FRESH AND FROZEN	DO	364,969	225,447	-	-
LIVER OIL	1,000 POUNDS	(1)	(1)	-	-
HERRING, SEA:					
SALTED FILLETS	POUNDS	(1)	(1)	-	-
SMOKED	DO	(1)	(1)	-	-
PEARL NOVELTIES	1,000 POUNDS	-	(1)	-	-
MACKEREL, ATLANTIC:					
FILLETS, FROZEN	POUNDS	(1)	(1)	-	-
SMOKED	DO	(1)	(1)	-	-
OCEAN PERCH:					
FILLETS:					
FRESH AND FROZEN	DO	5,118,925	1,439,155	-	-
BREADED, RAW AND COOKED, FROZEN	DO	1,461,210	628,166	-	-
SPECIALTIES, FROZEN (DINNERS, BREADED RAW)	DO	(1)	(1)	-	-
MEAL AND SCRAP	TONS	-	-	1,057	169,120

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
		QUANTITY	VALUE	QUANTITY	VALUE
POLLOCK:					
FILLETS:					
FRESH AND FROZEN	POUNDS	2,196,519	$565,831	-	-
BREADED AND COOKED, FROZEN . .	DO	(1)	(1)	-	-
STEAKS, FRESH AND FROZEN	DO	288,992	68,107	-	-
CANNED (FLAKES).	STANDARD CASES	(1)	(1)	-	-
SMOKED (FINNAN HADDIE)	POUNDS	(1)	(1)	-	-
SABLEFISH, SMOKED.	DO	(1)	(1)	-	-
SALMON:					
STEAKS:					
FRESH.	DO	(1)	(1)	-	-
FROZEN	DO	83,470	65,489	-	-
SMOKED	DO	(1)	(1)	-	-
SHAD FILLETS, FRESH (BONED). . . .	DO	-	-	31,145	$49,832
SMELT, BREADED AND COOKED, FROZEN.	DO	145,290	51,261	-	-
SWORDFISH:					
STEAKS:					
FRESH.	DO	157,315	114,437	-	-
FROZEN	DO	215,930	129,414	-	-
SPECIALTIES, FROZEN (IN LEMON BUTTER SAUCE)	DO	(1)	(1)	-	-
TUNA OIL, LIVER.	1,000 POUNDS	(1)	(1)	-	-
WHITEFISH, SMOKED.	POUNDS	(1)	(1)	-	-
WHITING:					
FRESH AND FROZEN:					
HEADED AND DRESSED	DO	25,948,721	3,849,300	260,685	35,192
FILLETS.	DO	1,691,560	453,779	-	-
WOLFFISH FILLETS:					
FRESH.	DO	22,869	9,243	-	-
FROZEN	DO	187,680	73,710	-	-
CRABS:					
COOKED MEAT, FRESH	DO	77,200	155,000	-	-
SPECIALTIES, FROZEN (CAKES, BREADED AND COOKED)	DO	(1)	(1)	-	-
LOBSTERS, NORTHERN:					
FRESH AND FROZEN, COOKED MEAT. .	DO	714,595	2,959,957	60,393	230,302
CANNED:					
REGULAR.	STANDARD CASES	-	-	(1)	(1)
SPECIALTIES (DIPS, SPREADS, BISQUE, ETC.)	DO	-	-	(1)	(1)
SHRIMP, FRESH AND FROZEN:					
PEELED (INCLUDING DEVEINED):					
RAW.	POUNDS	(1)	(1)	-	-
COOKED	DO	1,555,438	2,574,841	-	-
BREADED, RAW AND COOKED.	DO	148,239	221,623	-	-
SPECIALTIES (COCKTAILS, BISQUE, DINNERS, ETC.).	DO	1,895,713	1,644,757	-	-
CLAMS:					
FRESH AND FROZEN:					
SHUCKED:					
HARD AND SURF (INCLUDES OCEAN QUAHOGS).	GALLONS	223,586	645,636	367,854	1,529,648
SOFT	DO	110,182	744,631	(1)	(1)
BREADED, RAW AND COOKED. . . .	POUNDS	1,777,051	1,622,726	(1)	(1)
SPECIALTIES (CHOWDER BASE, IN SHELL, ETC.).	DO	373,679	344,671	(1)	(1)
CANNED:					
CHOWDER AND JUICE.	STANDARD CASES	(1)	(1)	(1)	(1)
SPECIALTIES (CRISPS, A LA KING, IN SHELL, ETC.)	DO	-	-	(1)	(1)
CONCH MEAT, FRESH.	POUNDS	-	-	(1)	(1)
OYSTERS:					
SHUCKED, FRESH	GALLONS	-	-	(1)	(1)
SPECIALTIES, FROZEN (STEWS). . .	POUNDS	(1)	(1)	-	-
SCALLOPS, FRESH AND FROZEN:					
BAY, SHUCKED	GALLONS	103,538	1,145,919	-	-
SEA:					
SHUCKED.	POUNDS	3,656,601	2,384,185	-	-
BREADED:					
RAW.	DO	697,376	457,064	(1)	(1)
COOKED	DO	3,241,059	2,783,434	-	-
SPECIALTIES (DINNERS AND IN SAUCES)	DO	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		MASSACHUSETTS		RHODE ISLAND AND CONNECTICUT	
		QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED:					
FRESH AND FROZEN, PACKAGED FISH:					
STICKS, BREADED:					
RAW	POUNDS	1,266,757	$498,738	-	-
COOKED	DO	39,083,844	17,888,595	-	-
PORTIONS:					
RAW:					
NOT BREADED	DO	1,988,499	848,618	-	-
BREADED	DO	40,592,002	16,580,483	-	-
BREADED AND COOKED	DO	10,260,588	4,283,314	-	-
CAKES, BREADED AND COOKED	DO	4,025,311	1,542,677	-	-
DINNERS, BREADED RAW AND COOKED	DO	3,893,500	2,595,557	-	-
FISH AND SHELLFISH	DO	1,831,445	1,214,146	372,330	$177,317
CANNED	STANDARD CASES	2,538,111	16,312,610	972	30,124
CURED	POUNDS	1,098,750	1,121,429	-	-
INDUSTRIAL	-	-	1,053,262	-	492,065
TOTAL	-	-	124,172,719	-	3,234,066

1/ INCLUDED WITH UNCLASSIFIED ITEMS.

2/ A SMALL PRODUCTION OF PEELED RAW SHRIMP IN NEW HAMPSHIRE HAS BEEN INCLUDED WITH THE PRODUCTION OF LOBSTER MEAT.

NOTE:--SOME PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1966

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	32,400
FROZEN	86,797
CANNED	34,426
CURED	1,224
INDUSTRIAL	10,258
TOTAL	165,105

VALUE OF PROCESSED PRODUCTS, BY STATES, 1966

(THOUSANDS OF DOLLARS)

STATE	VALUE
MAINE	36,990
NEW HAMPSHIRE	708
MASSACHUSETTS	124,173
RHODE ISLAND	3,022
CONNECTICUT	212
TOTAL	165,105

WHOLESALING AND PROCESSING, 1966

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:						
ESTABLISHMENTS	250	14	243	32	11	550
PERSONS ENGAGED:						
AVERAGE FOR SEASON	5,618	94	6,123	336	46	12,217
AVERAGE FOR YEAR	3,497	72	5,244	273	38	9,124

NEW ENGLAND FISHERIES

MAINE

OPERATING UNITS BY GEAR, 1966

ITEM	STOP SEINES	PURSE SEINES, HERRING	BAG NETS	OTTER TRAWLS		WEIRS	FLOATING TRAPS
				FISH	SHRIMP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	77	19	-	285	76	-	-
ON BOATS AND SHORE:							
REGULAR	123	36	2	42	40	79	8
CASUAL.	245	74	6	27	21	57	17
TOTAL.	445	129	8	354	137	136	25
VESSELS, MOTOR.	20	4	-	81	34	-	-
GROSS TONNAGE	349	179	-	6,109	922	-	-
BOATS:							
MOTOR	103	29	3	41	40	76	8
OTHER	115	35	3	-	-	76	8
GEAR:							
NUMBER.	98	28	7	122	74	76	8
LENGTH, YARDS	44,000	9,850	-	-	-	-	-
YARDS AT MOUTH.	-	-	-	2,450	1,284	-	-

ITEM	POTS AND TRAPS		GILL NETS		LINES		DIP NETS, COMMON
	LOBSTER	BOX TRAP	ANCHOR, SET OR STAKE	DRIFT	HAND	LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	38	-	6	-	2	12	-
ON BOATS AND SHORE:							
REGULAR	3,091	2	-	-	69	79	-
CASUAL.	2,559	7	4	1	361	32	105
TOTAL.	5,688	9	10	1	432	123	105
VESSELS, MOTOR.	36	-	2	-	1	4	-
GROSS TONNAGE	448	-	51	-	9	231	-
BOATS:							
MOTOR	5,281	4	1	1	50	64	7
OTHER	13	1	-	-	-	-	2
GEAR:							
NUMBER.	775,708	9	6	1	432	68	105
SQUARE YARDS.	-	-	24,240	60	-	-	-
HOOKS OR BAITS.	-	-	-	-	432	257,600	-

ITEM	HARPOONS	DREDGES		RAKES	HOES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
		OYSTER, COMMON	SCALLOP, SEA				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	2	-	27	-	-	-	438
ON BOATS AND SHORE:							
REGULAR	21	-	40	1	1,062	20	3,599
CASUAL.	17	6	19	230	1,228	40	4,007
TOTAL.	40	6	86	231	2,290	60	8,044
VESSELS, MOTOR.	1	-	3	-	-	-	135
GROSS TONNAGE	11	-	308	-	-	-	7,318
BOATS:							
MOTOR	21	3	36	166	-	-	5,388
OTHER	-	-	-	-	-	-	231
GEAR:							
NUMBER.	22	3	41	231	2,290	-	-
YARDS AT MOUTH.	-	3	70	-	-	-	-

MAINE - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	STOP SEINES		PURSE SEINES, HERRING		BAG NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	110,600	$3,062
HERRING, SEA	24,437,000	$524,450	17,594,700	$346,370	-	-
MACKEREL	4,800	336	100	11	-	-
SMELT	-	-	-	-	88,900	15,895
UNCLASSIFIED, BAIT, REDUCTION AND ANIMAL FOOD	133,800	1,522	98,000	1,078	-	-
TOTAL	24,575,600	526,308	17,692,800	347,459	199,500	18,957

SPECIES	OTTER TRAWLS				WEIRS	
	FISH		SHRIMP			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	1,060,900	$66,259	-	-	-	-
CUSK	144,300	9,259	-	-	-	-
FLOUNDERS:						
BLACKBACK	91,800	4,947	-	-	-	-
DAB	869,500	47,909	-	-	-	-
GRAY SOLE	413,500	38,783	-	-	-	-
LEMON SOLE	4,500	252	-	-	-	-
YELLOWTAIL	21,800	1,723	-	-	-	-
HADDOCK	1,547,600	148,692	-	-	-	-
HAKE, WHITE	326,900	19,564	-	-	-	-
HALIBUT	33,300	12,046	-	-	-	-
HERRING, SEA	-	-	-	-	16,266,400	$337,833
MACKEREL	-	-	-	-	47,600	2,526
OCEAN PERCH	65,082,200	2,678,683	-	-	-	-
POLLOCK	540,500	22,119	-	-	-	-
SHAD	2,100	74	-	-	-	-
SHARKS, GRAYFISH	3,300	25	-	-	-	-
STURGEON, COMMON	100	4	-	-	-	-
WHITING	29,659,500	1,140,889	-	-	-	-
WOLFFISH	11,700	369	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	301,800	21,191	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	490,700	10,460	-	-	-	-
LOBSTERS	200	145	-	-	-	-
SHRIMP	-	-	3,831,200	$541,669	-	-
TOTAL	100,606,200	4,223,393	3,831,200	541,669	16,314,000	340,359

SPECIES	FLOATING TRAPS		POTS AND TRAPS			
			LOBSTER		BOX TRAP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON	-	-	-	-	47,100	$9,400
HERRING, SEA	700	$40	-	-	-	-
MACKEREL	636,800	19,945	-	-	-	-
SALMON	300	236	-	-	-	-
SMELT	(1)	2	-	-	-	-
WHITING	39,700	1,612	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	500	33	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	5,200	84	-	-	-	-
CRABS, ROCK	-	-	1,774,200	$75,111	-	-
LOBSTERS	-	-	19,915,600	14,904,353	-	-
TOTAL	683,200	21,952	21,689,800	14,979,464	47,100	9,400

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		DRIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	1,179,400	$87,210	-	-	242,100	$8,299
CUSK	6,500	443	-	-	1,700	151
HADDOCK	33,200	4,134	-	-	5,600	500
HAKE, WHITE	191,900	12,544	-	-	4,500	306
HALIBUT	300	113	-	-	500	141

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MAINE - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		DRIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MACKEREL	-	-	-	-	500	$31
POLLOCK	480,600	$28,530	-	-	47,200	1,270
SHARKS, GRAYFISH	315,800	2,333	-	-	15,000	82
SMELT	26,200	3,981	3,300	$828	128,000	26,533
STURGEON, COMMON	400	51	-	-	-	-
TUNA, BLUEFIN	-	-	-	-	3,700	607
WOLFFISH	-	-	-	-	(1)	1
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	1,000	54
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	4,200	105
TOTAL	2,234,300	139,339	3,300	828	454,000	36,080

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		HARPOONS	
	LONG OR SET WITH HOOKS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	1,675,300	$31,248	-	-
COD	320,000	$14,597	-	-	-	-
CUSK	150,400	8,726	-	-	-	-
EEL, COMMON	-	-	1,700	340	-	-
FLOUNDERS:						
DAB	700	27	-	-	-	-
GRAY SOLE	400	21	-	-	-	-
HADDOCK	186,400	20,956	-	-	-	-
HAKE, WHITE	1,494,300	54,263	-	-	-	-
HALIBUT	68,000	25,051	-	-	-	-
POLLOCK	7,600	259	-	-	-	-
SHARKS, GRAYFISH	142,900	1,070	-	-	-	-
SMELT	-	-	8,400	1,688	-	-
SWORDFISH	170,700	72,877	-	-	-	-
TUNA, BLUEFIN	13,900	2,278	-	-	74,000	$10,801
WOLFFISH	100	12	-	-	-	-
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD	-	-	27,300	1,225	-	-
SEA URCHINS	-	-	131,500	3,937	-	-
TOTAL	2,555,400	200,137	1,844,200	38,438	74,000	10,801

SPECIES	DREDGES				RAKES	
	OYSTER, COMMON		SCALLOP, SEA			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET, PUBLIC, FALL	4,100	$4,972	-	-	-	-
SCALLOPS, SEA	-	-	319,500	$181,155	-	-
SEA URCHINS	-	-	-	-	11,500	$256
IRISH MOSS	-	-	-	-	2,440,000	45,002
TOTAL	4,100	4,972	319,500	181,155	2,451,500	45,258

SPECIES	HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
HARD, PUBLIC	(1)	$15	-	-
SOFT, PUBLIC	3,008,300	1,387,246	-	-
MUSSELS, SEA	239,800	20,364	-	-
PERIWINKLES	-	-	51,700	$13,209
BLOODWORMS	716,200	731,335	-	-
SANDWORMS	796,100	509,018	-	-
TOTAL	4,760,400	2,647,978	51,700	13,209

1/ LESS THAN 50 POUNDS.

NEW ENGLAND FISHERIES

NEW HAMPSHIRE

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	BAG NETS	OTTER TRAWLS, SHRIMP	WEIRS	POTS AND TRAPS	
					CRAB	LOBSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	1	-	2	-	2	96
CASUAL	11	6	-	5	1	105
TOTAL	12	6	2	5	3	201
BOATS:						
MOTOR	1	-	1	3	2	164
OTHER	4	-	-	1	-	2
GEAR:						
NUMBER	3	12	1	5	60	17,300
LENGTH, YARDS	150	-	-	-	-	-
YARDS AT MOUTH	-	-	20	-	-	-

ITEM	GILL NETS, DRIFT	LINES		HARPOONS	SPEARS	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
		HAND	LONG OR SET WITH HOOKS				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	6	12	12	-	-	-	99
CASUAL	-	150	-	9	20	35	277
TOTAL	6	162	12	9	20	35	376
BOATS:							
MOTOR	3	6	6	3	-	-	171
OTHER	-	-	-	-	-	-	7
GEAR:							
NUMBER	3	381	6	3	20	35	-
SQUARE YARDS	8,500	-	-	-	-	-	-
HOOKS OR BAITS	-	940	12,500	-	-	-	-

NEW HAMPSHIRE - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		BAG NETS		OTTER TRAWLS, SHRIMP		WEIRS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	-	-	75,000	$1,125
EEL, COMMON	-	-	-	-	-	-	4,000	1,000
LAUNCE	26,000	$2,860	-	-	-	-	-	-
SMELT	-	-	18,000	$6,300	-	-	15,000	3,750
SHRIMP	-	-	-	-	40,000	$4,800	-	-
TOTAL	26,000	2,860	18,000	6,300	40,000	4,800	94,000	5,875

SPECIES	POTS AND TRAPS				GILL NETS, DRIFT		LINES	
	CRAB		LOBSTER				HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	-	-	-	-	48,000	$3,960
HALIBUT	-	-	-	-	-	-	1,000	400
MACKEREL	-	-	-	-	4,000	$720	-	-
POLLOCK	-	-	-	-	-	-	10,000	600
SMELT	-	-	-	-	-	-	62,000	24,800
STRIPED BASS	-	-	-	-	-	-	8,000	1,360
CRABS:								
GREEN	15,800	$1,575			-	-	-	-
ROCK	-	-	18,000	$1,620	-	-	-	-
LOBSTERS, NORTHERN	-	-	807,000	585,075	-	-	-	-
TOTAL	15,800	1,575	825,000	586,695	4,000	720	129,000	31,120

SPECIES	LINES - CONT'D.		HARPOONS		SPEARS		HOES	
	LONG OR SET WITH HOOKS							
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	25,000	$2,062	-	-	-	-	-	-
CUSK	7,500	375	-	-	-	-	-	-
EEL, COMMON	-	-	-	-	3,000	$750	-	-
HADDOCK	55,000	6,600	-	-	-	-	-	-
HAKE, WHITE	1,200	72	-	-	-	-	-	-
HALIBUT	2,500	1,000	-	-	-	-	-	-
POLLOCK	2,000	120	-	-	-	-	-	-
TUNA, BLUEFIN	-	-	4,800	$336	-	-	-	-
BLOODWORMS	-	-	-	-	-	-	700	$770
SANDWORMS	-	-	-	-	-	-	12,000	13,800
TOTAL	93,200	10,229	4,800	336	3,000	750	12,700	14,570

NEW ENGLAND FISHERIES

MASSACHUSETTS

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES			OTTER TRAWLS	
		MACKEREL	TUNA	OTHER	FISH	LOBSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	44	62	60	2,535	161
ON BOATS AND SHORE:						
REGULAR	3	-	-	-	12	-
CASUAL	19	-	-	-	-	-
TOTAL	22	44	62	60	2,547	161
VESSELS, MOTOR	-	4	6	5	407	26
GROSS TONNAGE	-	397	674	1,145	32,977	2,549
BOATS:						
MOTOR	1	4	6	6	6	-
OTHER	7	3	4	2	-	-
GEAR:						
NUMBER	8	4	6	5	413	26
LENGTH, YARDS	452	1,650	3,900	2,600	-	-
YARDS AT MOUTH	-	-	-	-	11,211	735

ITEM	POUND NETS, FISH	FLOATING TRAPS	POTS AND TRAPS			
			CONCH	CRAB	EEL	LOBSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	5	5	-	-	-	-
ON BOATS AND SHORE:						
REGULAR	46	17	3	3	-	471
CASUAL	-	3	2	-	6	463
TOTAL	51	25	5	3	6	934
VESSELS, MOTOR	1	2	-	-	-	-
GROSS TONNAGE	11	25	-	-	-	-
BOATS:						
MOTOR	9	7	5	3	6	836
OTHER	12	9	-	-	-	14
GEAR, NUMBER	35	13	205	67	255	114,036

ITEM	GILL NETS		LINES			DIP NETS, COMMON
	ANCHOR, SET OR STAKE	DRIFT	HAND	TROLL	LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	13	-	3	-	70	-
ON BOATS AND SHORE:						
REGULAR	19	2	79	-	106	9
CASUAL	2	8	1,529	9	27	180
TOTAL	34	10	1,611	9	203	189
VESSELS, MOTOR	3	-	1	-	16	-
GROSS TONNAGE	101	-	30	-	684	-
BOATS, MOTOR	10	8	609	3	65	187
GEAR:						
NUMBER	13	73	1,748	6	81	189
SQUARE YARDS	79,800	50,260	-	-	-	-
HOOKS OR BAITS	-	-	2,882	6	234,100	-

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - OPERATING UNITS BY GEAR, 1966 - Continued

ITEM	HARPOONS		SPEARS	DREDGES		
	SWORDFISH	OTHER		CLAM	MUSSEL	OYSTER, COMMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	11	-	-	24	2	-
ON BOATS AND SHORE:						
REGULAR	8	-	2	24	8	3
CASUAL.	45	24	24	3	1	3
TOTAL.	64	24	26	51	11	6
VESSELS, MOTOR.	3	-	-	11	1	-
GROSS TONNAGE	80	-	-	229	6	-
BOATS:						
MOTOR	19	11	-	17	7	3
OTHER	11	-	2	-	-	-
GEAR:						
NUMBER.	22	11	26	29	8	3
YARDS AT MOUTH.	-	-	-	28	9	3

ITEM	DREDGES - CONTINUED		TONGS		RAKES	
	SCALLOP		OYSTER	OTHER	OYSTER	OTHER
	BAY	SEA				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	433	-	-	-	-
ON BOATS AND SHORE:						
REGULAR	110	-	10	34	1	103
CASUAL.	833	-	9	136	5	971
TOTAL.	943	433	19	170	6	1,074
VESSELS, MOTOR.	-	38	-	-	-	-
GROSS TONNAGE	-	4,611	-	-	-	-
BOATS, MOTOR.	623	-	17	170	4	754
GEAR:						
NUMBER.	1,945	75	19	170	6	1,074
YARDS AT MOUTH.	1,674	305	-	-	-	-

ITEM	HOES	FORKS	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	-	-	-	3,174
ON BOATS AND SHORE:					
REGULAR	100	15	-	16	860
CASUAL.	474	6	59	206	4,079
TOTAL.	574	21	59	222	8,113
VESSELS, MOTOR.	-	-	-	-	483
GROSS TONNAGE	-	-	-	-	40.026
BOATS:					
MOTOR	-	-	21	-	2,711
OTHER	-	-	-	-	59
GEAR, NUMBER.	574	21	59	-	-

MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES					
			MACKEREL		TUNA		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	436,700	$6,496	-	-	-	-	6,106,400	$73,276
HERRING, SEA	-	-	-	-	-	-	4,891,800	69,628
LAUNCE	92,600	10,186	-	-	-	-	-	-
MACKEREL, ATLANTIC	-	-	681,800	$27,556	-	-	-	-
TUNA:								
BLUEFIN	-	-	-	-	1,491,200	$171,240	-	-
SKIPJACK	-	-	-	-	64,500	7,183	-	-
WHITE PERCH	16,000	1,440	-	-	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	-	-	513,600	8,825
TOTAL	545,300	18,122	681,800	27,556	1,555,700	178,423	11,511,800	151,729

SPECIES	OTTER TRAWLS				POUND NETS, FISH	
	FISH		LOBSTER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH	199,000	$14,452	-	-	-	-
BILLFISH	-	-	-	-	2,500	$51
BLUEFISH	600	91	-	-	8,800	990
BONITO	-	-	-	-	3,200	470
BUTTERFISH	41,000	4,673	-	-	1,000	99
COD	28,744,000	2,487,239	300	$38	4,300	297
CUSK	1,498,900	88,412	-	-	-	-
FLOUNDERS:						
BLACKBACK	20,937,400	2,566,843	11,400	1,092	4,700	247
DAB	6,327,100	675,316	100	12	-	-
FLUKE	258,100	68,644	300	75	3,300	688
GRAY SOLE	4,488,500	554,154	100	12	-	-
LEMON SOLE	2,004,800	407,634	-	-	-	-
YELLOWTAIL	57,423,500	7,151,786	33,500	3,922	-	-
HADDOCK	126,692,800	13,235,878	11,600	1,779	-	-
HAKE:						
RED	902,700	20,842	-	-	-	-
WHITE	1,363,200	104,671	300	30	-	-
HALIBUT	126,300	42,357	-	-	-	-
HERRING, SEA	41,500	955	-	-	1,635,000	25,540
MACKEREL, ATLANTIC	13,500	1,368	-	-	1,463,700	91,519
MENHADEN	-	-	-	-	2,800	34
OCEAN PERCH	16,467,300	745,802	-	-	-	-
OCEAN POUT	6,200	83	-	-	-	-
POLLOCK	7,119,400	429,258	-	-	63,300	849
SCUP OR PORGY	224,500	21,072	-	-	201,100	33,701
SEA BASS	1,300	175	-	-	200	38
SEA ROBIN	-	-	-	-	200	8
SHAD	500	17	-	-	11,100	693
SHARKS, UNCLASSIFIED	1,900	103	-	-	300	7
SKATES	66,400	2,914	-	-	-	-
STRIPED BASS	-	-	-	-	24,900	4,253
STURGEON, COMMON	1,700	189	-	-	-	-
TAUTOG	900	46	-	-	6,900	326
TILEFISH	27,800	2,339	-	-	-	-
TUNA, BLUEFIN	-	-	-	-	282,600	23,451
WHITING	51,470,900	2,309,095	9,000	450	-	-
WOLFFISH	476,100	24,747	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	5,928,700	503,203	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	24,630,600	341,326	-	-	-	-
LOBSTERS, NORTHERN	301,900	195,761	1,330,100	879,830	-	-
SHRIMP	23,200	3,019	-	-	-	-
SCALLOPS, SEA	600	255	-	-	-	-
SQUID	11,600	663	-	-	20,300	1,561
TOTAL	357,824,400	32,005,382	1,396,700	887,240	3,740,200	184,822

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	FLOATING TRAPS		POTS AND TRAPS					
			CONCH		CRAB		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH	200	$58	-	-	-	-	-	-
COD	700	59	-	-	-	-	-	-
EEL, COMMON	-	-	-	-	-	-	9,900	$2,825
HERRING, SEA	23,000	276	-	-	-	-	-	-
MACKEREL, ATLANTIC	700,000	50,847	-	-	-	-	-	-
POLLOCK	2,600	106	-	-	-	-	-	-
STRIPED BASS	2,500	727	-	-	-	-	-	-
WHITING	1,700	77	-	-	-	-	-	-
UNCLASSIFIED, FOR FOOD	13,200	1,104	-	-	-	-	-	-
CRABS, GREEN	-	-	-	-	20,400	$2,148	-	-
CONCHS	-	-	26,600	$5,744	-	-	-	-
SQUID	3,500	169	-	-	-	-	-	-
TOTAL	747,400	53,423	26,600	5,744	20,400	2,148	9,900	2,825

SPECIES	POTS AND TRAPS - CONT'D.		GILL NETS			
	LOBSTER		ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH	-	-	100	$3	-	-
COD	-	-	822,900	65,796	-	-
CUSK	-	-	2,300	106	-	-
FLOUNDERS, BLACKBACK	-	-	68,800	7,103	-	-
HADDOCK	-	-	145,200	16,536	-	-
HAKE, WHITE	-	-	25,400	1,650	-	-
HALIBUT	-	-	600	209	-	-
MACKEREL, ATLANTIC	-	-	-	-	59,600	$10,335
POLLOCK	-	-	202,600	9,811	-	-
SHARKS, UNCLASSIFIED	-	-	400	21	-	-
STURGEON, COMMON	-	-	800	96	-	-
WHITING	-	-	-	-	200	10
WOLFFISH	-	-	300	22	-	-
UNCLASSIFIED, FOR FOOD	-	-	764,200	65,486	-	-
CRABS, ROCK	11,300	$2,717	-	-	-	-
LOBSTERS, NORTHERN	3,175,100	2,603,686	-	-	-	-
TOTAL	3,186,400	2,606,403	2.033,600	166,839	59,800	10,345

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BILLFISH	-	-	-	-	100	$4
BLUEFISH	117,200	$11,540	-	-	100	19
COD	1,734,700	133,982	-	-	2,210,200	211,805
CUSK	2,700	116	-	-	402,200	25,533
EEL, COMMON	200	35	-	-	-	-
FLOUNDERS:						
BLACKBACK	7,100	848	-	-	44,300	7,032
DAB	-	-	-	-	600	46
FLUKE	-	-	-	-	100	26
GRAY SOLE	-	-	-	-	2,500	253
LEMON SOLE	300	53	-	-	4,300	699
YELLOWTAIL	400	43	-	-	1,300	151
HADDOCK	236,100	32,410	-	-	3,095,500	448,421
HAKE:						
RED	-	-	-	-	100	10
WHITE	6,000	316	-	-	56,800	4,971
HALIBUT	3,100	1,592	-	-	72,300	35,410
OCEAN PERCH	-	-	-	-	200	16
POLLOCK	168,900	9,310	-	-	51,200	3,118
SCUP OR PORGY	100	4	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	-	-	16,800	1,527
SMELT	6,700	2,345	-	-	-	-
STRIPED BASS	556,300	86,084	-	-	1,800	242
SWORDFISH	-	-	-	-	522,500	200,765
TAUTOG	16,000	700	-	-	-	-
TUNA, BLUEFIN	7,500	785	2,000	$200	18,000	2,748
WHITING	-	-	-	-	100	4
WOLFFISH	1,000	34	-	-	8,100	347
UNCLASSIFIED, FOR FOOD	215,900	19,267	-	-	359,700	33,776
TOTAL	3,080,200	299,464	2,000	200	6,868,800	976,923

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	DIP NETS, COMMON		HARPOONS			
			SWORDFISH		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	90,100	$1,552	-	-	-	-
SWORDFISH	-	-	160,600	$71,430	-	-
TUNA, BLUEFIN	-	-	5,700	355	16,000	$1,600
CLAMS, HARD, PUBLIC	11,000	10,000	-	-	-	-
SCALLOPS, BAY	28,600	35,623	-	-	-	-
TOTAL	129,700	47,175	166,300	71,785	16,000	1,600

SPECIES	SPEARS		DREDGES			
			CLAM		MUSSEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON	14,500	$3,485	-	-	-	-
CLAMS:						
HARD, PUBLIC	-	-	354,900	$147,591	-	-
SURF	-	-	34,700	7,882	-	-
MUSSELS, SEA	-	-	-	-	155,000	$19,250
TOTAL	14,500	3,485	389,600	155,473	155,000	19,250

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
			BAY		SEA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	-	-	100	$8
FLOUNDERS:						
BLACKBACK	-	-	-	-	11,500	1,178
DAB	-	-	-	-	1,000	77
FLUKE	-	-	-	-	2,300	271
GRAY SOLE	-	-	-	-	900	66
LEMON SOLE	-	-	-	-	4,400	819
YELLOWTAIL	-	-	-	-	12,300	941
HADDOCK	-	-	-	-	500	35
OYSTERS, MARKET:						
PUBLIC:						
SPRING	1,300	$3,200	-	-	-	-
FALL	2,600	6,400	-	-	-	-
PRIVATE:						
SPRING	10,800	30,000	-	-	-	-
FALL	8,800	24,395	-	-	-	-
SCALLOPS:						
BAY	-	-	851,400	$1,040,796	-	-
SEA	-	-	-	-	10,813,100	5,330,283
TOTAL	23,500	63,995	851,400	1,040,796	10,846,100	5,333,678

SPECIES	TONGS			
	OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	289,600	$252,028
CONCHS	-	-	22,500	6,750
OYSTERS, MARKET:				
PUBLIC:				
SPRING	2,000	$3,900	-	-
FALL	2,000	4,100	-	-
PRIVATE:				
SPRING	7,800	21,000	-	-
FALL	21,300	54,744	-	-
TOTAL	33,100	83,744	312,100	258,778

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	RAKES			
	OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
HARD:				
PUBLIC	-	-	622,500	$650,415
PRIVATE	-	-	22,400	24,720
SOFT:				
PUBLIC	-	-	37,700	33,050
PRIVATE	-	-	100	110
MUSSELS, SEA	-	-	15,000	2,125
OYSTERS, MARKET, PRIVATE, SPRING	300	$500	-	-
IRISH MOSS	-	-	1,660,000	29,050
TOTAL	300	500	2,357,700	739,470

SPECIES	HOES		FORKS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
HARD, PUBLIC	18,600	$9,491	-	-
RAZOR	5,500	2,828	-	-
SOFT, PUBLIC	998,200	640,996	9,000	$6,900
SURF	600	150	-	-
MUSSELS, SEA	-	-	15,500	3,110
OYSTERS, MARKET:				
PUBLIC, SPRING	-	-	2,600	6,400
PRIVATE:				
SPRING	-	-	1,300	3,200
FALL	-	-	2,000	4,800
BLOODWORMS	2,700	2,900	-	-
SANDWORMS	63,300	72,845	-	-
TOTAL	1,088,900	729,210	30,400	24,410

SPECIES	DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
LOBSTERS, NORTHERN	21,300	$17,466	-	-
CLAMS, HARD, PUBLIC	-	-	3,300	$3,000
CONCHS	-	-	14,000	3,720
TOTAL	21,300	17,466	17,300	6,720

SMALL OTTER TRAWL

NEW ENGLAND FISHERIES

RHODE ISLAND

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MACKEREL	OTTER TRAWLS		POUND NETS, FISH	FLOATING TRAPS
			FISH	LOBSTER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	253	143	-	109
ON BOATS AND SHORE:						
REGULAR	8	-	12	-	1	-
CASUAL.	2	2	8	-	1	-
TOTAL.	10	2	273	143	2	109
VESSELS, MOTOR.	-	-	75	29	-	8
GROSS TONNAGE	-	-	3,130	2,369	-	246
BOATS:						
MOTOR	1	1	10	-	1	-
OTHER	5	1	-	-	-	26
GEAR:						
NUMBER.	6	1	85	29	1	26
LENGTH, YARDS	600	100	-	-	-	-
YARDS AT MOUTH.	-	-	2,121	827	-	-

ITEM	POTS AND TRAPS				LINES	
	CONCH	CRAB	EEL	LOBSTER	HAND	TROLL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	2	2	-	2	17	2
ON BOATS AND SHORE:						
REGULAR	6	8	4	77	20	1
CASUAL.	-	-	2	168	195	26
TOTAL.	8	10	6	247	232	29
VESSELS, MOTOR.	1	1	-	1	8	1
GROSS TONNAGE	9	12	-	10	115	20
BOATS, MOTOR.	6	5	6	208	39	18
GEAR:						
NUMBER.	368	950	340	11,844	246	29
HOOKS OR BAITS.	-	-	-	-	429	29

ITEM	HARPOONS, SWORDFISH	DREDGES			TONGS	
		CLAM	MUSSEL	SCALLOP, SEA	OYSTER	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	5	42	2	11	-	-
ON BOATS AND SHORE:						
REGULAR	-	60	-	2	9	249
CASUAL.	-	2	-	-	4	416
TOTAL.	5	104	2	13	13	665
VESSELS, MOTOR.	1	21	1	1	-	-
GROSS TONNAGE	48	278	16	130	-	-
BOATS:						
MOTOR	-	31	-	1	13	665
OTHER	1	-	-	-	-	-
GEAR:						
NUMBER.	1	52	1	4	13	665
YARDS AT MOUTH.	-	52	2	11	-	-

ITEM	RAKES	HOES	DIVING OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	-	-	471
ON BOATS AND SHORE:				
REGULAR	62	38	2	415
CASUAL.	103	29	-	845
TOTAL.	165	67	2	1,731
VESSELS, MOTOR.	-	-	-	118
GROSS TONNAGE	-	-	-	4,847
BOATS:				
MOTOR	165	17	1	978
OTHER	-	-	-	33
GEAR, NUMBER.	165	55	2	-

RHODE ISLAND - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MACKEREL		OTTER TRAWLS			
					FISH		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	189,000	$2,700	-	-	-	-	-	-
ANGLERFISH	-	-	-	-	7,900	$189	-	-
BLUEFISH	-	-	-	-	20,300	2,085	-	-
BUTTERFISH	-	-	-	-	1,002,300	121,038	-	-
COD	-	-	-	-	663,600	52,476	-	-
CUNNER	-	-	-	-	300	8	-	-
CUSK	-	-	-	-	1,300	71	-	-
EELS:								
COMMON	-	-	-	-	300	38	-	-
CONGER	-	-	-	-	38,700	1,165	-	-
FLOUNDERS:								
BLACKBACK	-	-	-	-	4,274,400	293,590	-	-
DAB	-	-	-	-	33,900	3,100	-	-
FLUKE	-	-	-	-	382,000	112,963	-	-
GRAY SOLE	-	-	-	-	262,100	23,308	-	-
LEMON SOLE	-	-	-	-	33,500	4,565	-	-
YELLOWTAIL	-	-	-	-	5,855,200	607,157	-	-
HADDOCK	-	-	-	-	252,100	23,830	-	-
HAKE:								
RED	-	-	-	-	169,900	7,239	-	-
WHITE	-	-	-	-	57,400	2,718	-	-
HALIBUT	-	-	-	-	500	187	-	-
HERRING, SEA	-	-	-	-	455,800	16,433	-	-
KING WHITING OR "KINGFISH"	-	-	-	-	400	41	-	-
MACKEREL	-	-	4,800	$854	71,900	4,486	-	-
OCEAN PERCH	-	-	-	-	3,100	105	-	-
OCEAN POUT	-	-	-	-	600	13	-	-
POLLOCK	-	-	-	-	11,300	614	-	-
SCUP OR PORGY	-	-	-	-	2,246,100	374,757	-	-
SEA BASS	-	-	-	-	26,200	7,143	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	500	99	-	-
SHAD	-	-	-	-	3,700	100	-	-
SHARKS:								
GRAYFISH	-	-	-	-	100	4	-	-
UNCLASSIFIED	-	-	-	-	300	16	-	-
SKATES	-	-	-	-	1,900	52	-	-
SMELT	1,100	270	-	-	100	20	-	-
STRIPED BASS	-	-	-	-	12,600	1,988	-	-
STURGEON, COMMON	-	-	-	-	4,400	416	-	-
TAUTOG	-	-	-	-	27,800	930	-	-
TILEFISH	-	-	-	-	806,100	89,900	-	-
WHITE PERCH	9,200	1,881	-	-	-	-	-	-
WHITING	-	-	-	-	2,403,900	140,327	-	-
WOLFFISH	-	-	-	-	500	30	-	-
UNCLASSIFIED:								
FOR FOOD	-	-	-	-	30,800	2,303	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	36,449,200	314,371	-	-
LOBSTERS, NORTHERN	-	-	-	-	-	-	1,151,300	$870,113
CONCHS	-	-	-	-	400	97	-	-
SCALLOPS, SEA	-	-	-	-	700	342	-	-
SQUID	-	-	-	-	298,200	22,996	-	-
TOTAL	199,300	4,851	4,800	854	55,912,300	2,233,310	1,151,300	870,113

SPECIES	POUND NETS, FISH		FLOATING TRAPS		POTS AND TRAPS			
					CONCH		CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	3,500	$50	-	-	-	-	-	-
ANCHOVIES	-	-	4,400	$531	-	-	-	-
BILLFISH	-	-	3,700	1,160	-	-	-	-
BLUEFISH	-	-	42,800	6,457	-	-	-	-
BONITO	-	-	6,400	1,703	-	-	-	-
BUTTERFISH	-	-	112,400	35,611	-	-	-	-
COD	-	-	37,300	3,747	-	-	-	-
EEL, CONGER	-	-	300	26	-	-	-	-
FLOUNDERS:								
BLACKBACK	-	-	300	23	-	-	-	-
FLUKE	-	-	72,900	16,298	-	-	-	-
HAKE, RED	-	-	800	50	-	-	-	-
HERRING, SEA	-	-	145,700	2,789	-	-	-	-
KING WHITING OR "KINGFISH"	-	-	1,400	190	-	-	-	-
MACKEREL	-	-	501,100	74,826	-	-	-	-
MENHADEN	-	-	9,000	338	-	-	-	-
POLLOCK	-	-	39,200	1,334	-	-	-	-
SCUP OR PORGY	-	-	6,296,800	630,203	-	-	-	-

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RHODE ISLAND - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	POUND NETS, FISH		FLOATING TRAPS		POTS AND TRAPS			
					CONCH		CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA BASS.	-	-	63,300	$20,705	-	-	-	-
SEA ROBIN	-	-	207,100	3,200	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	100	27	-	-	-	-
SHAD.	-	-	19,200	1,600	-	-	-	-
SHARKS, UNCLASSIFIED. . . .	-	-	1,100	62	-	-	-	-
SKATES.	-	-	1,400	71	-	-	-	-
STRIPED BASS.	-	-	195,300	36,790	-	-	-	-
STURGEON, COMMON.	-	-	400	55	-	-	-	-
TAUTOG.	-	-	31,600	1,574	-	-	-	-
TUNA, BLUEFIN	-	-	12,100	2,364	-	-	-	-
WHITE PERCH	3,000	$480	-	-	-	-	-	-
WHITING	-	-	108,700	6,991	-	-	-	-
UNCLASSIFIED:								
FOR FOOD.	-	-	7,400	658	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD.	-	-	119,100	1,096	-	-	-	-
CRABS:								
GREEN	-	-	-	-	-	-	6,800	$1,020
ROCK.	-	-	-	-	-	-	146.600	17,250
LOBSTERS, NORTHERN.	-	-	-	-	500	$376	12,200	9,532
CONCHS.	-	-	-	-	42.500	11,319	-	-
SQUID	-	-	88,300	20,606	-	-	-	-
TOTAL.	6,500	530	8,129,600	871,085	43,000	11.695	165,600	27,802

SPECIES	POTS AND TRAPS - CONTINUED				LINES			
	EEL		LOBSTER		HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH.	-	-	-	-	8,300	$778	400	$114
COD	-	-	-	-	26,700	2,070	-	-
EELS:								
COMMON.	24,600	$6,450	-	-	-	-	-	-
CONGER.	-	-	-	-	100	10	-	-
FLOUNDERS:								
BLACKBACK	-	-	-	-	800	82	-	-
FLUKE	-	-	-	-	100	25	-	-
MACKEREL.	-	-	-	-	1,700	160	-	-
POLLOCK	-	-	-	-	300	5	-	-
STRIPED BASS.	-	-	-	-	39,500	6,048	3,000	460
TAUTOG.	-	-	-	-	6,800	787	-	-
TUNA, BLUEFIN	-	-	-	-	-	-	12,500	748
CRABS, ROCK	-	-	16,000	$1,780	-	-	-	-
LOBSTERS, NORTHERN.	-	-	508,500	405,533	-	-	-	-
CONCHS.	-	-	600	118	-	-	-	-
TOTAL.	24,600	6,450	525,100	407,431	84,300	9,965	15,900	1,322

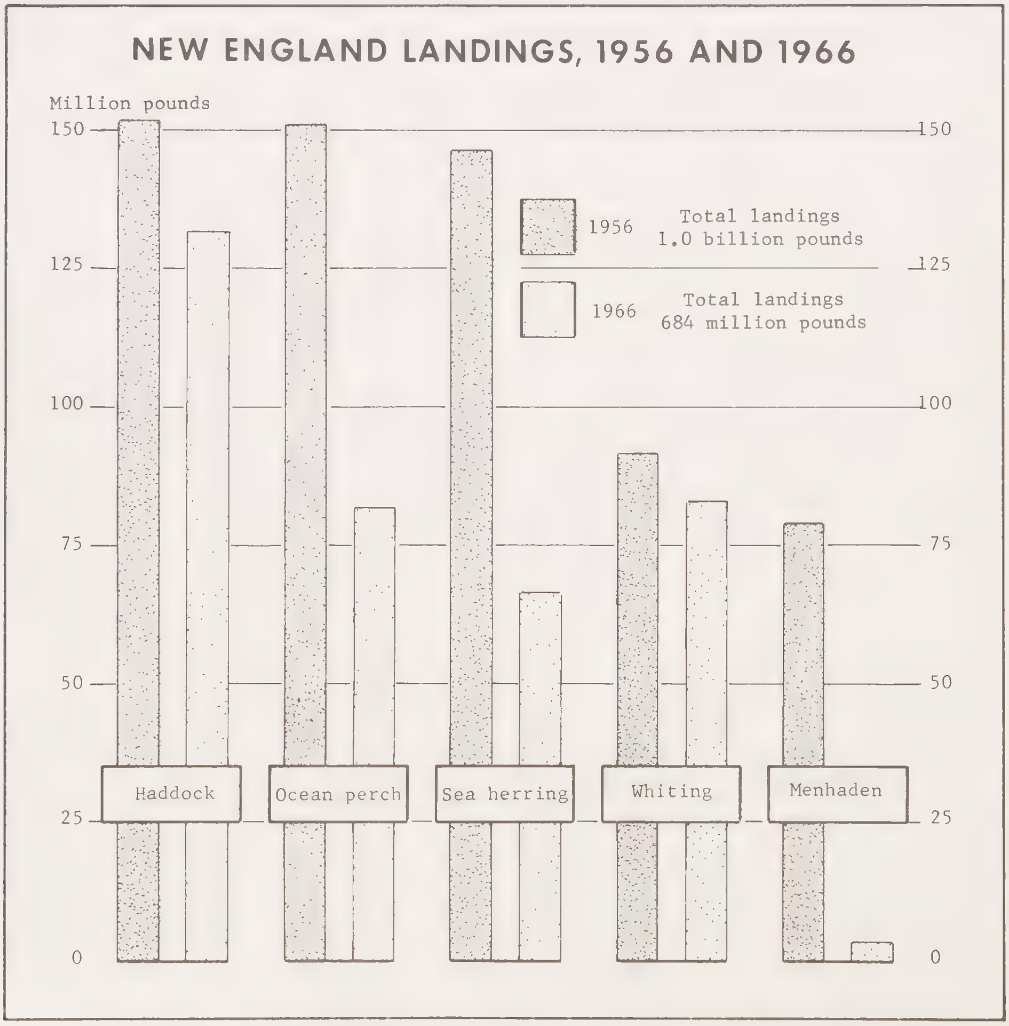
SPECIES	HARPOONS, SWORDFISH		DREDGES			
			CLAM		MUSSEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH	800	$458	-	-	-	-
CLAMS:						
HARD, PUBLIC.	-	-	460,200	$181,040	-	-
OCEAN QUAHOG.	-	-	91,000	11,372	-	-
CONCHS.	-	-	5,700	1,147	-	-
MUSSELS, SEA.	-	-	-	-	3,500	$700
TOTAL.	800	458	556,900	193,559	3,500	700

(CONTINUED ON NEXT PAGE)

RHODE ISLAND - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	DREDGES - CONTINUED		TONGS			
	SCALLOP, SEA		OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, FLUKE	1,200	$340	-	-	-	-
CLAMS, HARD, PUBLIC	-	-	-	-	915,700	$494,718
OYSTERS, MARKET, PUBLIC:						
SPRING	-	-	800	$849	-	-
FALL	-	-	1,000	1,037	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING	-	-	800	1,200	-	-
FALL	-	-	1,300	1,800	-	-
SCALLOPS, SEA	12,100	7,580	-	-	-	-
TOTAL	13,300	7,920	3,900	4,886	915,700	494,718

SPECIES	RAKES		HOES		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD, PUBLIC	228,800	$123,680	-	-	-	-
SOFT, PUBLIC	-	-	102,000	$51,043	-	-
OYSTERS, MARKET, PUBLIC:						
SPRING	-	-	-	-	600	$578
FALL	-	-	-	-	500	472
TOTAL	228,800	123,680	102,000	51,043	1,100	1,050



NEW ENGLAND LANDINGS, 1956 AND 1966

NEW ENGLAND FISHERIES

CONNECTICUT

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS AND TRAPS		
		FISH	LOBSTER	CONCH	EEL	LOBSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	36	16	-	-	5
ON BOATS AND SHORE:						
REGULAR	-	15	-	14	-	68
CASUAL.	10	37	-	4	26	264
TOTAL.	10	88	16	18	26	337
VESSELS, MOTOR.	-	16	4	-	-	3
GROSS TONNAGE	-	490	259	-	-	22
BOATS:						
MOTOR	4	36	-	15	21	244
OTHER	3	-	-	-	1	-
GEAR:						
NUMBER.	6	52	4	803	235	13,320
LENGTH, YARDS	462	-	-	-	-	-
YARDS AT MOUTH.	-	825	108	-	-	-

ITEM	GILL NETS			LINES, HAND	DIP NETS, COMMON
	ANCHOR, SET OR STAKE	DRIFT			
		SHAD	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	4	-	4	-
ON BOATS AND SHORE:					
REGULAR	-	9	5	4	-
CASUAL.	11	65	4	40	5
TOTAL.	11	78	9	48	5
VESSELS, MOTOR.	-	2	-	2	-
GROSS TONNAGE	-	25	-	21	-
BOATS:					
MOTOR	2	29	7	32	-
OTHER	6	8	-	-	-
GEAR:					
NUMBER.	8	36	7	48	5
SQUARE YARDS.	1,485	58,567	1,946	-	-
HOOKS OR BAITS.	-	-	-	96	-

ITEM	DREDGES		TONGS		HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	OYSTER, COMMON	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	11	32	-	-	-	93
ON BOATS AND SHORE:						
REGULAR	2	-	11	2	-	84
CASUAL.	-	-	11	6	3	379
TOTAL.	13	32	22	8	3	556
VESSELS, MOTOR.	4	10	-	-	-	35
GROSS TONNAGE	97	288	-	-	-	1,080
BOATS:						
MOTOR	1	-	22	8	-	307
OTHER	-	-	-	-	-	16
GEAR:						
NUMBER.	5	19	22	8	3	-
YARDS AT MOUTH.	5	27	-	-	-	-

CONNECTICUT - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			FISH		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	1,600	$24	2,000	$40	-	-
BLUEFISH	-	-	23,300	2,950	-	-
BUTTERFISH	-	-	27,500	3,679	-	-
COD	-	-	166,600	13,331	-	-
EEL, COMMON	200	50	-	-	-	-
FLOUNDERS:						
BLACKBACK	600	60	825,200	57,284	-	-
FLUKE	-	-	90,200	25,525	-	-
GRAY SOLE	-	-	3,000	267	-	-
YELLOWTAIL	-	-	52,600	5,455	-	-
HADDOCK	-	-	1,500	140	-	-
HAKE:						
RED	-	-	9,700	414	-	-
WHITE	-	-	3,800	178	-	-
HERRING, SEA	-	-	10,600	374	-	-
MACKEREL, ATLANTIC	-	-	9,900	1,378	-	-
POLLOCK	-	-	1,900	104	-	-
SCUP OR PORGY	-	-	518,800	84,905	-	-
SEA BASS	-	-	18,400	4,702	-	-
SEA ROBIN	-	-	30,800	481	-	-
SHAD	1,000	210	200	20	-	-
SHARK, GRAYFISH	-	-	10,400	164	-	-
SKATES	-	-	7,400	207	-	-
SMELT	1,000	300	-	-	-	-
STURGEON, COMMON	-	-	2,700	383	-	-
TAUTOG	200	20	3,400	170	-	-
TILEFISH	-	-	3,300	365	-	-
WHITING	-	-	147,400	8,679	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	24,400	1,820	-	-
BAIT, REDUCTION AND ANIMAL FOOD	500	10	901,700	15,347	-	-
LOBSTERS, NORTHERN	-	-	1,300	908	220,000	$166,276
CONCHS	-	-	1,400	290	-	-
SQUID	-	-	102,400	7,920	-	-
TOTAL	5,100	674	3,001,800	237,480	220,000	166,276

SPECIES	POTS AND TRAPS					
	CONCH		EEL		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EEL, COMMON	-	-	8,200	$1,637	-	-
LOBSTERS, NORTHERN	-	-	-	-	561,500	$478,607
CONCHS	128,400	$30,073	-	-	10,000	1,845
TOTAL	128,400	30,073	8,200	1,637	571,500	480,452

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT			
			SHAD		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	100	$2
BLUEFISH	-	-	-	-	4,200	635
CARP	400	$40	-	-	-	-
CATFISH	-	-	4,200	$336	-	-
MACKEREL, ATLANTIC	-	-	-	-	2,000	300
MENHADEN	-	-	-	-	2,000	54
SHAD	500	109	240,000	50,390	200	30
SMELT	300	60	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION AND ANIMAL FOOD	-	-	-	-	66,100	1,554
TOTAL	1,200	209	244,200	50,726	74,600	2,575

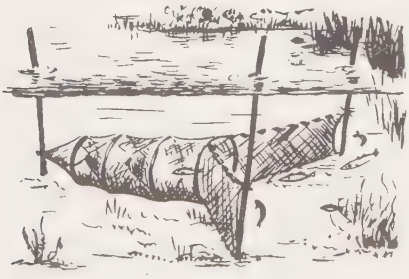
(CONTINUED ON NEXT PAGE)

CONNECTICUT - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	LINES, HAND		DIP NETS, COMMON	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	2,900	$48
BLUEFISH	$28,000	$4,239	-	-
COD	3,500	379	-	-
EEL, COMMON	100	23	-	-
FLOUNDERS:				
BLACKBACK	5,400	608	-	-
FLUKE	300	85	-	-
MACKEREL, ATLANTIC	1,600	245	-	-
SCUP OR PORGY	300	72	-	-
SEA BASS	200	60	-	-
SEA ROBIN	200	5	-	-
SHARK, GRAYFISH	500	10	-	-
TAUTOG	3,600	325	-	-
UNCLASSIFIED:				
FOR FOOD	100	12	-	-
BAIT, REDUCTION AND ANIMAL FOOD	2,000	44	-	-
TOTAL	45,800	6,107	2,900	48

SPECIES	DREDGES			
	CLAM		OYSTER, COMMON	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD:				
PUBLIC	3,900	$1,568	-	-
PRIVATE	240,000	100,000	-	-
OYSTERS, MARKET, PRIVATE:				
SPRING	-	-	201,600	$396,968
FALL	-	-	127,400	269,283
TOTAL	243,900	101,568	329,000	666,251

SPECIES	TONGS				HOES	
	OYSTER		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD, PUBLIC	-	-	1,200	$572	-	-
SOFT, PUBLIC	-	-	-	-	100	$64
OYSTERS, MARKET, PUBLIC, FALL	7,100	$9,120	-	-	-	-
TOTAL	7,100	9,120	1,200	572	100	64



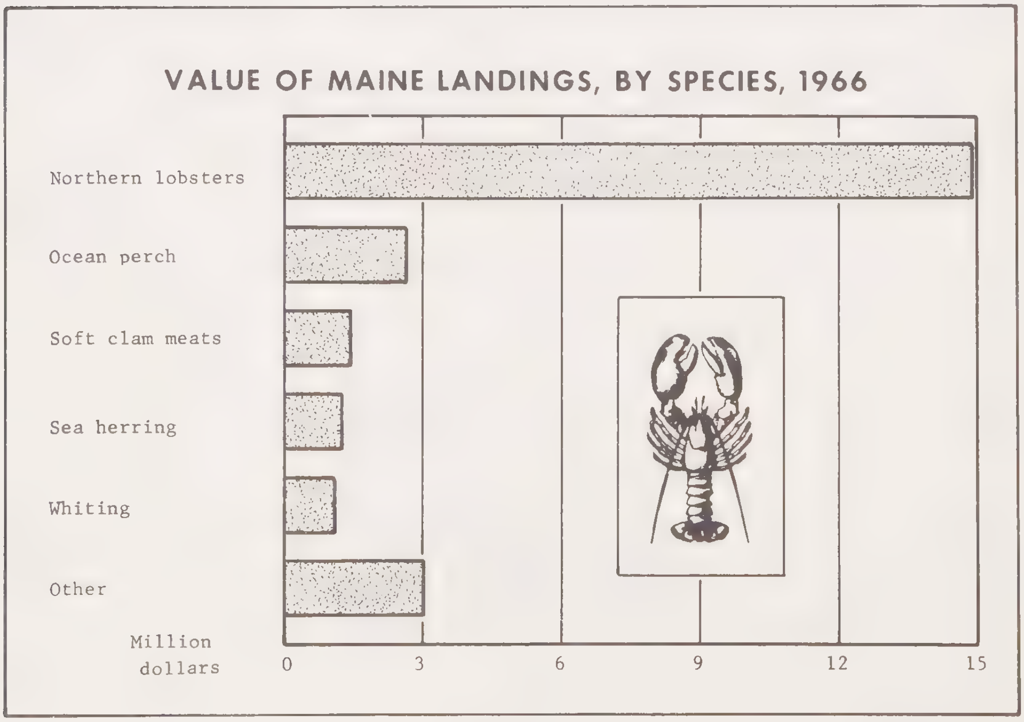
FYKE NET

LANDINGS AT MAINE PORTS

In cooperation with the Maine Department of Sea and Shore Fisheries, the Bureau of Commercial Fisheries collects and compiles monthly and annual data on the landings of fish, shellfish, and other aquatic resources in the State of Maine. This information is published monthly in "Maine Landings," which is in the Current Fishery Statistical series. Additional detailed tabulations are prepared for the use of Bureau and State scientists and the International Commission for the Northwest Atlantic Fisheries.

Maine landings data, summarized by species and months, appeared in Digests for the years 1947-58. In 1959, data were shown on the catch off Canada by species and area of capture. Information was also included on the number of fishing craft operated, trips, days absent, and days fished. Since 1960, similar data have been shown for most of the Maine catch, except sea herring, lobsters, sea scallops, and a small amount of other fish. The quantities shown represent the round weight of species except univalve and bivalve mollusks. These shellfish are reported in pounds of meats. The data are comparable with catch figures shown in other tables.

Landings at Maine ports by fishing craft of all sizes were 200.4 million pounds worth $24.3 million--a decrease of 4.5 million pounds but a gain of $2.4 million compared with the previous year. The decline in volume was caused principally by sea herring landings of only 58.3 million pounds--11.9 million less than in 1965. Smaller declines occurred in white hake and haddock. Landings of ocean perch (65.1 million pounds), whiting (29.7 million), and lobsters (19.9 million pounds) were 8, 7, and 6 percent greater, respectively, than in 1965. The shrimp fishery in Maine produced a record 3.8 million pounds--nearly double the harvest of the previous year.



LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND		
					LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOW-TAIL
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
TRAWL LINES:											
EASTERN MAINE	5	70.0	70.0	35.0	9,704	76,377	27	-	360	-	-
CENTRAL MAINE	46	496.0	496.0	247.5	38,500	35,088	-	35,966	-	-	-
WESTERN MAINE	17	210.0	210.0	63.6	34,825	48,420	-	96,245	-	-	-
TOTAL	1/67	776.0	776.0	346.1	83,029	159,885	27	132,211	360	-	-
HANDLINES:											
EASTERN MAINE	5	31.0	31.0	15.5	982	10,007	-	-	-	-	-
CENTRAL MAINE	27	251.0	251.0	123.8	162,722	20,896	-	-	-	-	-
WESTERN MAINE	18	75.0	75.0	37.5	7,650	4,657	-	1,505	-	-	-
TOTAL	1/50	357.0	357.0	176.8	171,354	35,560	-	1,505	-	-	-
HARPOONS, WESTERN MAINE	1/21	111.0	111.0	50.5	-	-	-	-	-	-	-
LONGLINES:											
SOUTHEAST GRAND BANKS	1	2.0	45.0	24.0	-	-	-	-	-	-	-
SOUTHWEST SABLE ISLAND BANK	1	.1	2.0	.5	2,840	-	-	-	-	-	-
XXII UNCLASSIFIED	1	8.0	120.0	70.4	550	-	-	600	-	-	-
INNER GROUNDS	1	.2	2.0	1.5	-	-	-	-	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK	1	2.7	27.0	7.5	26,560	640	-	330	-	-	-
TOTAL	1/1	13.0	196.0	103.9	29,950	640	-	930	-	-	-
OTTER TRAWLS:											
SOUTHEAST GRAND BANKS	3	1.3	30.0	6.5	-	-	-	-	-	-	-
SOUTHWEST GRAND BANKS	1	.1	2.0	1.0	-	-	-	-	-	-	-
ST. PIERRE BANK	3	1.0	14.0	3.2	-	-	-	-	-	-	-
BURGEO BANK	3	1.3	26.0	3.8	-	-	-	-	-	-	-
EAST GULF ST. LAWRENCE	14	82.0	1,058.0	202.3	-	350	-	-	-	-	-
NORTH GULF ST. LAWRENCE	12	16.6	202.0	39.2	-	-	-	-	-	-	-
SOUTH GULF ST. LAWRENCE	1	.8	10.0	2.5	-	-	-	-	-	-	-
NORTHEAST CAPE BRETON	4	3.2	47.0	9.2	-	-	-	-	-	-	-
MISAINE BANK	1	.1	1.0	.3	-	-	-	-	-	-	-
BANQUEREAU	8	6.1	87.0	23.3	-	-	-	-	-	-	-
CANSO	4	6.5	66.0	12.0	-	-	-	-	-	-	-
MIDDLE GROUND	1	.9	10.0	3.1	-	-	-	-	-	-	-
HORSESHOE GROUND	5	3.2	35.0	9.0	-	-	-	-	-	-	-
SOUTHWEST SABLE ISLAND BANK	1	1.0	12.0	2.7	-	-	-	-	-	-	-
EASTERN NOVA SCOTIA	11	24.0	290.0	60.0	-	3,400	-	620	490	-	-
EMERALD BANK	14	26.9	362.0	81.7	2,000	915	-	275	650	-	-
CENTRAL NOVA SCOTIA	15	45.8	535.0	119.6	-	1,590	-	440	-	-	-
EASTERN BROWNS AND LAHAVE	3	1.2	18.0	4.6	-	-	-	-	-	-	-
SOUTHERN NOVA SCOTIA	4	1.0	12.0	3.2	-	-	-	-	-	-	-
WESTERN BROWNS	3	7.5	47.0	15.8	-	3,355	-	2,340	655	-	-
WESTERN NOVA SCOTIA	5	11.4	61.0	17.5	1,705	5,440	-	4,049	2,630	-	-
EASTERN MAINE	6	16.4	55.0	18.6	8,226	18,400	-	7,470	8,419	-	-
CENTRAL MAINE	31	425.8	616.0	238.8	45,407	165,391	-	27,565	188,447	-	4,075
WESTERN MAINE	103	5,881.0	5,930.0	2,192.6	135,101	391,136	12,758	38,570	194,298	4,505	17,725
EASTERN MASSACHUSETTS	1	1.0	4.0	.7	-	50	-	200	-	-	-
INNER GROUNDS	17	120.0	522.0	152.8	32,095	33,307	-	39,226	13,428	-	-
WEST SIDE SOUTH CHANNEL	9	35.4	212.0	69.1	19,340	18,163	3,330	6,793	3,801	-	-
EAST SIDE SOUTH CHANNEL	2	1.5	8.0	2.4	-	1,665	-	260	140	-	-
NORTHERN EDGE AND NORTHEAST PEAK	1	1.0	8.0	5.0	-	3,590	-	-	500	-	-
TOTAL	1/136	6,724.0	10,280.0	3,300.5	243,874	646,752	16,086	127,808	413,458	4,505	21,800
SINK GILL NETS, WESTERN MAINE	1/5	553.0	553.0	553.0	781,006	227,053	-	5,725	-	-	-

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND		
					LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOW-TAIL
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
SCALLOP DREDGES:											
EASTERN MAINE	4	103.0	103.0	51.5	-	-	-	-	-	-	-
CENTRAL MAINE	31	428.0	428.0	214.0	-	-	-	-	-	-	-
WESTERN MAINE	1	6.0	6.0	3.0	-	-	-	-	-	-	-
EAST SIDE SOUTH CHANNEL	1	3.0	27.0	20.5	-	-	-	-	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK	2	5.0	44.0	30.7	-	-	-	-	-	-	-
OFF LONG ISLAND	1	1.0	9.0	7.0	-	-	-	-	-	-	-
TOTAL	1/38	546.0	617.0	326.7	-	-	-	-	-	-	-
TOTAL (LANDED WEIGHT, ALL SPECIES)	1/318	9,080.0	12,890.0	4,857.5	1,309,213	1,069,890	16,115	268,179	413,818	4,505	21,800
TOTAL (ROUND WEIGHT, ALL SPECIES 2/)	-	-	-	-	1,531,776	1,251,770	18,853	303,044	413,818	4,505	21,800
GRAND TOTAL (ROUND WEIGHT 2/)	-	-	-	-	1,531,776	1,251,770	18,853	303,044	413,818	4,505	21,800

GEAR AND SUBAREA	FLOUNDERS, ROUND-CONTD.		GRAY-FISH, DRAWN	HADDOCK, DRAWN		HAKE, WHITE, DRESSED	HALIBUT, DRAWN	HERRING, SEA, ROUND	MACKEREL, ROUND	OCEAN PERCH, ROUND	POLLOCK, DRAWN
	BLACK-BACK	DAB		LARGE	SCROD						
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
TRAWL LINES:											
EASTERN MAINE	-	-	-	10,387	-	3,068	5,633	-	-	-	786
CENTRAL MAINE	-	675	-	53,821	7,737	1,107,434	15,975	-	-	-	3,606
WESTERN MAINE	-	-	142,855	81,161	10,555	4,316	12,515	-	-	-	2,405
TOTAL	-	675	142,855	145,369	18,292	1,114,818	34,123	-	-	-	6,797
HANDLINES:											
EASTERN MAINE	-	-	-	1,237	-	567	-	-	-	-	5,478
CENTRAL MAINE	-	-	15,000	2,409	21	36	403	-	-	-	34,754
WESTERN MAINE	-	-	-	1,210	140	2,755	-	-	514	-	1,563
TOTAL	-	-	15,000	4,856	161	3,358	403	-	514	-	41,795
LONGLINES:											
SOUTHWEST SABLE ISLAND BANK	-	-	-	-	-	-	696	-	-	-	-
XXII UNCLASSIFIED	-	-	-	-	-	230	3,765	-	-	-	-
INNER GROUNDS	-	-	-	-	-	-	1,439	-	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK	-	-	-	-	-	100	19,048	-	-	-	-
TOTAL	-	-	-	-	-	330	24,948	-	-	-	-
OTTER TRAWLS:											
SOUTHEAST GRAND BANKS	-	-	-	-	-	-	-	-	-	287,850	-
SOUTHWEST GRAND BANKS	-	-	-	-	-	-	-	-	-	15,000	-
ST. PIERRE BANK	-	-	-	-	-	-	-	-	-	152,900	-
BURGEO BANK	-	-	-	-	-	-	-	-	-	228,100	-
EAST GULF ST. LAWRENCE	-	100	-	350	-	280	6,465	-	-	19,472,200	309,300
NORTH GULF ST. LAWRENCE	-	-	-	-	-	-	1,535	-	-	4,152,300	-
SOUTH GULF ST. LAWRENCE	-	-	-	-	-	-	-	-	-	242,500	-
NORTHEAST CAPE BRETON	-	-	-	-	-	-	-	-	-	862,050	-
MISAINE BANK	-	-	-	-	-	-	-	-	-	16,300	-
BANQUEREAU	-	-	-	-	-	-	1,000	-	-	1,203,950	-
CANSO	-	-	-	-	-	-	-	-	-	1,564,050	-
MIDDLE GROUND	-	-	-	-	-	-	-	-	-	296,600	-
HORSESHOE GROUND	-	-	-	-	-	-	-	-	-	700,225	-
SOUTHWEST SABLE ISLAND BANK	-	-	-	-	-	-	-	-	-	257,200	-
EASTERN NOVA SCOTIA	-	440	-	1,750	1,660	220	1,805	-	-	5,171,325	1,860
EMERALD BANK	-	2,050	-	40	-	1,000	3,950	-	-	5,395,550	800
CENTRAL NOVA SCOTIA	-	150	-	360	120	410	1,430	-	-	9,359,040	2,380

SEE NOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND-CONTD.		GRAY-FISH, DRAWN	HADDOCK, DRAWN		HAKE, WHITE, DRESSED	HALIBUT, DRAWN	HERRING, SEA, ROUND	MACKEREL, ROUND	OCEAN PERCH, ROUND	POLLOCK, DRAWN
	BLACK-BACK	DAB		LARGE	SCROD						
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS - CONTINUED:											
EASTERN BROWNS AND LAHAVE	-	-	-	-	-	-	-	-	-	236,350	-
SOUTHERN NOVA SCOTIA	-	-	-	-	-	-	5	-	-	189,350	-
WESTERN BROWNS	-	1,060	-	3,955	1,850	515	-	-	-	639,250	630
WESTERN NOVA SCOTIA	-	3,734	-	3,936	3,820	4,689	116	-	-	1,039,800	1,907
EASTERN MAINE	1,967	12,583	-	36,348	38,214	12,796	72	-	-	475,430	2,935
CENTRAL MAINE	42,658	144,138	-	249,465	474,604	138,837	7,736	-	-	1,132,820	41,613
WESTERN MAINE	47,071	672,225	3,300	192,848	133,685	68,332	1,924	-	-	698,379	14,945
EASTERN MASSACHUSETTS	-	120	-	-	110	200	-	-	-	20,500	30
INNER GROUNDS	-	24,614	-	57,333	52,992	11,601	1,875	-	-	7,485,360	59,486
WEST SIDE SOUTH CHANNEL	-	6,497	-	18,735	63,558	4,775	993	-	-	3,687,790	38,090
EAST SIDE SOUTH CHANNEL	-	200	-	1,110	1,220	60	-	-	-	100,000	1,200
NORTHERN EDGE AND NORTHEAST PEAK	-	1,500	-	12,100	7,465	285	36	-	-	-	3,150
TOTAL	91,696	869,411	3,300	578,330	779,298	244,000	28,942	-	-	65,082,169	478,326
SINK GILL NETS, WESTERN MAINE	-	-	315,840	29,010	70	143,195	233	-	-	-	425,330
TOTAL (LANDED WEIGHT, ALL SPECIES)	91,696	870,086	476,995	757,565	797,821	1,505,701	88,649	-	514	65,082,169	952,248
TOTAL (ROUND WEIGHT, ALL SPECIES 2/)	91,696	870,086	476,995	863,622	909,518	2,017,638	101,945	-	514	65,082,169	1,076,035
MISCELLANEOUS GEAR, UNCLASSIFIED WATERS OFF MAINE	-	-	-	-	-	-	-	58,298,675	689,281	-	-
GRAND TOTAL (ROUND WEIGHT 2/)	91,696	870,086	476,995	863,622	909,518	2,017,638	101,945	58,298,675	689,795	65,082,169	1,076,035

GEAR AND SUBAREA	SWORD-FISH, DRESSED	TUNA, BLUEFIN, ROUND	WHITING, DRAWN	WOLF-FISH, DRAWN	UNCLASSIFIED FISH		SCALLOPS, SEA (MEATS)	SHRIMP, ROUND	LOBSTERS, ROUND	UNCLASSI-FIED SHELLFISH	TOTAL
					FOR FOOD	FOR REDUCTION					
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
TRAWL LINES:											
EASTERN MAINE	-	-	-	56	-	-	-	-	-	-	106,398
CENTRAL MAINE	-	-	-	-	-	-	-	-	-	-	1,298,802
WESTERN MAINE	-	-	-	35	-	-	-	-	-	-	433,332
TOTAL	-	-	-	91	-	-	-	-	-	-	1,838,532
HAND LINES:											
EASTERN MAINE	-	-	-	-	13,546	-	-	-	-	-	31,817
CENTRAL MAINE	-	-	-	-	47,244	-	-	-	-	-	283,485
WESTERN MAINE	-	3,738	-	10	68,222	4,200	-	-	-	-	96,164
TOTAL	-	3,738	-	10	129,012	4,200	-	-	-	-	411,466
HARPOONS, WESTERN MAINE	-	73,937	-	-	-	-	-	-	-	-	73,937
LONGLINES:											
SOUTHEAST GRAND BANKS	30,341	1,585	-	-	-	-	-	-	-	-	31,926
SOUTHWEST SABLE ISLAND BANK	-	-	-	-	-	-	-	-	-	-	3,536
XXII UNCLASSIFIED	106,195	12,289	-	-	-	-	-	-	-	-	123,629
INNER GROUNDS	-	-	-	-	-	-	-	-	-	-	1,439
NORTHERN EDGE AND NORTHEAST PEAK	-	-	-	-	-	-	-	-	-	-	46,678
TOTAL	136,536	13,874	-	-	-	-	-	-	-	-	207,208
OTTER TRAWLS:											
SOUTHEAST GRAND BANKS	-	-	-	-	-	-	-	-	-	-	287,850
SOUTHWEST GRAND BANKS	-	-	-	-	-	-	-	-	-	-	15,000
ST. PIERRE BANK	-	-	-	-	-	-	-	-	-	-	152,900
BURGEO BANK	-	-	-	-	-	-	-	-	-	-	228,100

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MAINE PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966 - Continued

GEAR AND SUBAREA	SWORD-FISH, DRESSED	TUNA, BLUEFIN, ROUND	WHITING, ROUND	WOLF-FISH, DRAWN	UNCLASSIFIED FISH		SCALLOPS, SEA (MEATS)	SHRIMP, ROUND	LOBSTERS, ROUND	UNCLASSI-FIED SHELLFISH	TOTAL
					FOR FOOD	FOR REDUCTION					
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS - CONTINUED:											
EAST GULF ST. LAWRENCE	-	-	-	-	-	-	-	-	-	-	19,789,045
NORTH GULF ST. LAWRENCE	-	-	-	-	-	-	-	-	-	-	4,153,835
SOUTH GULF ST. LAWRENCE	-	-	-	-	-	-	-	-	-	-	242,500
NORTHEAST CAPE BRETON	-	-	-	-	-	-	-	-	-	-	862,050
MISAINE BANK	-	-	-	-	-	-	-	-	-	-	16,300
BANQUEREAU	-	-	-	-	-	-	-	-	-	-	1,204,950
CANSO	-	-	-	-	-	-	-	-	-	-	1,564,050
MIDDLE GROUND	-	-	-	-	-	-	-	-	-	-	296,600
HORSESHOE GROUND	-	-	-	-	-	-	-	-	-	-	700,225
SOUTHWEST SABLE ISLAND BANK	-	-	-	-	-	-	-	-	-	-	257,200
EASTERN NOVA SCOTIA	-	-	-	40	-	-	-	-	-	-	5,183,610
EMERALD BANK	-	-	-	700	-	-	-	-	-	-	5,407,930
CENTRAL NOVA SCOTIA	-	-	-	-	-	-	-	-	-	-	9,365,920
EASTERN BROWNS AND LAHAVE	-	-	-	-	-	-	-	-	-	-	236,350
SOUTHERN NOVA SCOTIA	-	-	-	-	-	-	-	-	-	-	189,355
WESTERN BROWNS	-	-	-	50	-	-	-	-	-	-	653,660
WESTERN NOVA SCOTIA	-	-	-	20	205	-	-	-	-	-	1,072,051
EASTERN MAINE	-	-	-	140	-	-	-	-	-	-	623,000
CENTRAL MAINE	-	-	-	3,342	300	78,455	-	3,380	-	-	2,748,233
WESTERN MAINE	-	-	29,699,140	3,898	301,407	412,223	-	3,826,627	158	-	36,870,255
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	-	-	-	21,210
INNER GROUNDS	-	-	-	830	-	-	-	1,200	-	-	7,813,347
WEST SIDE SOUTH CHANNEL	-	-	-	630	2,000	-	-	-	-	-	3,874,495
EAST SIDE SOUTH CHANNEL	-	-	-	25	-	-	-	-	-	-	105,880
NORTHERN EDGE AND NORTHEAST PEAK	-	-	-	-	-	-	-	-	-	-	28,626
TOTAL	-	-	29,699,140	9,675	303,912	490,678	-	3,831,207	158	-	103,964,527
SINK GILL NETS, WESTERN MAINE	-	-	-	-	310	-	-	-	-	-	1,927,772
SCALLOP DREDGES:											
EASTERN MAINE	-	-	-	-	-	-	28,755	-	-	-	28,755
CENTRAL MAINE	-	-	-	-	-	-	173,040	-	-	-	173,040
WESTERN MAINE	-	-	-	-	-	-	475	-	-	-	475
EAST SIDE SOUTH CHANNEL	-	-	-	-	-	-	44,183	-	-	-	44,183
NORTHERN EDGE AND NORTHEAST PEAK	-	-	-	-	-	-	57,052	-	-	-	57,052
OFF LONG ISLAND	-	-	-	-	-	-	16,000	-	-	-	16,000
TOTAL	-	-	-	-	-	-	319,505	-	-	-	319,505
TOTAL (LANDED WEIGHT, ALL SPECIES)	136,536	91,549	29,699,140	9,776	433,234	494,878	319,505	3,831,207	158	-	106,742,947
TOTAL (ROUND WEIGHT, ALL SPECIES 2/)	170,670	91,549	29,699,140	11,732	433,308	494,878	319,505	3,831,207	158	-	110,087,931
MISCELLANEOUS GEAR, UNCLASSIFIED WATERS OFF MAINE	-	-	-	-	1,962,139	264,215	-	-	19,915,658	9,173,419	90,303,387
GRAND TOTAL (ROUND WEIGHT 2/)	170,670	91,549	29,699,140	11,732	2,395,447	759,093	319,505	3,831,207	19,915,816	9,173,419	200,391,318

1/ EXCLUSIVE OF DUPLICATION. 2/ ALL SPECIES ARE LISTED AS LANDED WEIGHT EXCEPT UNIVALVE AND BIVALVE MOLLUSKS WHICH ARE REPORTED AS POUNDS OF MEATS. SEA SCALLOPS ARE LISTED AS WEIGHT OF EDIBLE MEAT. LANDED WEIGHT OF FINFISH WAS CONVERTED TO ROUND WEIGHT BY MULTIPLYING BY THE FOLLOWING FACTORS: COD, DRAWN 1.17; CUSK, DRAWN 1.13; HADDOCK, DRAWN 1.14; WHITE HAKE, DRESSED 1.34; HALIBUT, DRAWN 1.15; POLLOCK, DRAWN 1.13; SWORDFISH, DRESSED 1.25; AND WOLFFISH, DRAWN 1.20.

NOTE: DAYS ABSENT IS THE MEASURE OF TIME, TO THE NEAREST COMPLETE DAY, THAT A VESSEL IS AWAY FROM PORT DURING A FISHING TRIP. WHEN A CRAFT OPERATES IN TWO OR MORE SUBAREAS DURING A VOYAGE, A FRACTIONAL PART (IN TENTHS) OF THE TRIP IS ALLOTTED TO THE SUBAREA ON THE BASIS OF THE CATCH IN EACH SUBAREA. DAYS FISHED IS THE TIME ACTUAL FISHING OPERATIONS WERE CARRIED ON, EXPRESSED TO THE NEAREST TENTH OF A DAY. TO OBTAIN FISHING TIME IN HOURS, MULTIPLY THE NUMBER OF DAYS FISHED BY 24.

NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS

Detailed statistics on landings at Boston, Gloucester, New Bedford, and other Massachusetts ports are collected and published monthly and annually in the Current Fishery Statistics series of bulletins. Additional detailed tabulations are prepared for the use of Bureau and State scientists and the International Commission for the Northwest Atlantic Fisheries. The data in 1966 represent over 97 percent of the total Massachusetts catch. The figures do not include data on shellfish (except the landings of otter-trawl-caught lobsters, shrimp, squid, and sea scallop meats). Additional landings not included in these data, consist mostly of crabs, pot-caught lobsters, clams, sea mussels, oysters, bay scallop meats, Irish moss, and small amounts of other fish, shellfish, and other marine organisms.

The following tables are a summary of 1966 data on Massachusetts landings by port, gear, and area of capture. Since the quantities shown are the weights as landed, they are not directly comparable with the catch figures that appear in other tables in this Digest.

Landings of fishing craft of all sizes at Boston, Gloucester, New Bedford, and other Massachusetts ports were 376.0 million pounds valued at $40.1 million--a decline of 8 percent in volume and 1 percent in value compared with 1965. New Bedford for the third consecutive year was the leading port with 36 percent of the landings and 47 percent of the value. Gloucester was second in poundage with 31 percent and Boston third with 24 percent. Boston, however, ranked second in value of landings with 27 percent, and Gloucester was third with 19 percent.

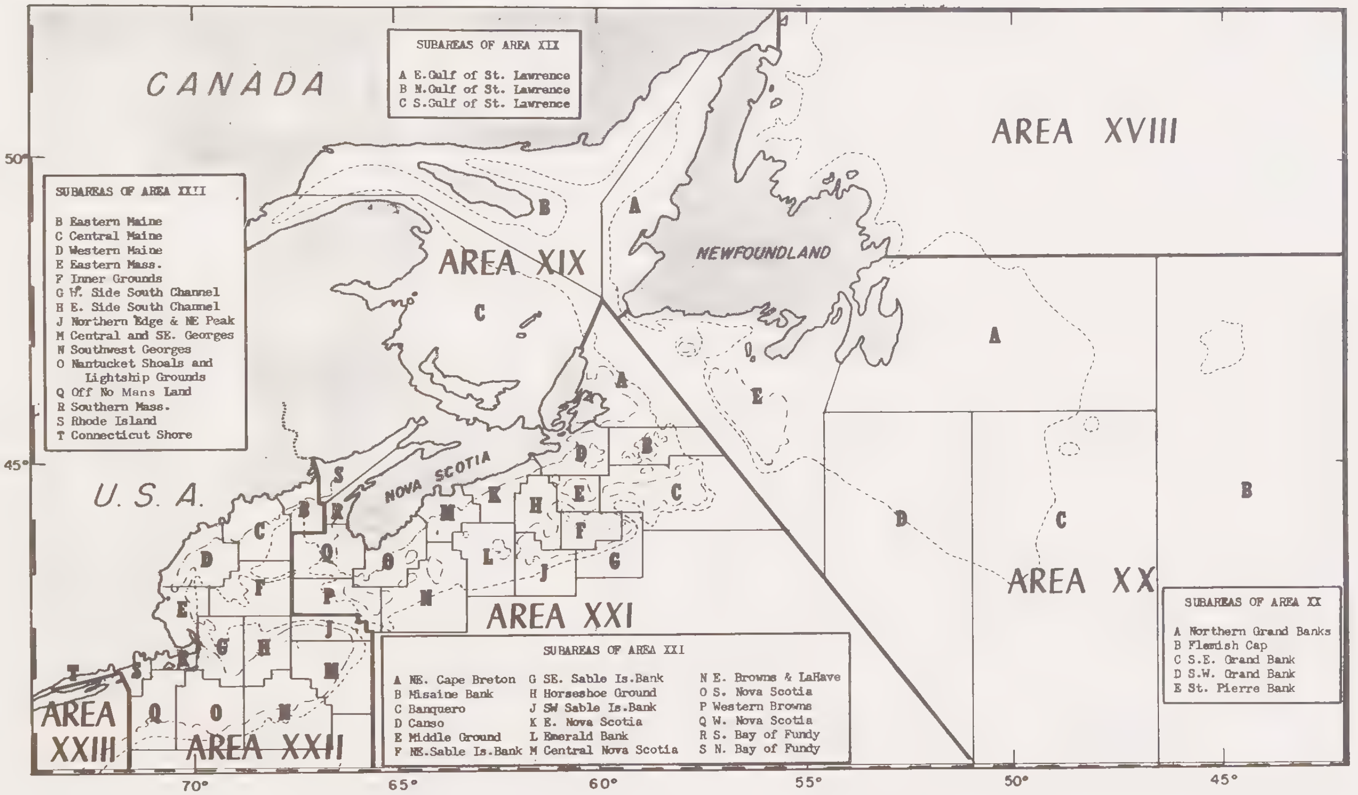
Boston landings of 89.7 million pounds declined 13 percent compared with 1965, and were the smallest production since 1904. Despite generally higher exvessel prices, the value of $10.7 million was 8 percent less than a year earlier. The 65.5-million pound haddock production was 73 percent of the Boston landings. Production of large haddock, continuing the decline which began in the previous year, was only 27 percent of the Boston haddock receipts.

Gloucester landings of 116.5 million pounds worth $7.7 million were 4 percent less in volume but 10 percent greater in value than in 1965. Landings of round whiting (43.8 million pounds) increased 7.1 million and the value, $2.0 million, nearly doubled that of the previous year. Haddock landings (27.1 million pounds) were 11 percent more than a year earlier. Landings of ocean perch, once the leading species at Gloucester, were 15.8 million pounds--30 percent less than in previous year, and the smallest production since 1935.

Landings at New Bedford were 133.5 million pounds worth $18.7 million--9 percent less in volume and 6 percent less in value than in the previous year. Compared with 1965, sharp declines occurred in landings of yellowtail flounders, 53.3 million pounds (down 19 percent), unclassified fish for industrial use, 22.6 million (down 29 percent), and sea scallop meats, 10.7 million pounds (down 5 percent). The value of sea scallop landings ($5.3 million) was 31 percent less than a year earlier. In 1966, as in the previous year, the quantity of sea scallops available on Georges Bank was not sufficient to support the fishery.

A total of 667 craft landed 376.0 million pounds of fish and shellfish at principal Massachusetts ports. Of this number, 422 using otter trawls landed 337.5 million pounds (90 percent). Forty-eight scallop dredges landed 10.8 million pounds (3 percent), and 9 purse seiners, 13.7 million (4 percent). The remainder was taken by line trawls, handlines, harpoons, longlines, floating traps, sink and drift gill nets, and pound nets. Fishing grounds off the New England coast yielded 340.0 million pounds--90 percent of the landings, as in the previous year. Grounds off Nova Scotia accounted for 18.4 million pounds (5 percent). The remainder was taken off the Middle Atlantic States and in the Gulf of St. Lawrence. One vessel landed 2 trips from St. Pierre Bank in 1966.

STATISTICAL AREAS AND SUBAREAS USED IN REPORTING THE CATCH LANDED AT CERTAIN MASSACHUSETTS PORTS DURING 1966



NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1966

SPECIES	BOSTON		GLOUCESTER	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES, ROUND	-	-	6,106,359	$73,276
ANGLERFISH, ROUND	-	-	2,780	84
BLUEFISH, ROUND	600	$90	238	29
BUTTERFISH, ROUND	-	-	5,100	539
COD, DRAWN:				
LARGE	6,022,165	623,143	2,542,564	233,582
MARKET	4,536,515	531,970	2,592,638	263,442
SCROD	2,117,295	227,779	580,000	37,914
CUSK, DRAWN	966,265	72,778	656,680	37,605
FLOUNDERS, ROUND:				
BLACKBACK:				
LARGE	1,520,086	178,381	195,190	16,389
SMALL	25,000	2,354	64,490	4,002
DAB	1,558,925	162,408	1,979,237	160,399
FLUKE:				
LARGE	7,800	1,051	-	-
MEDIUM	-	-	780	88
SMALL	-	-	85	5
GRAY SOLE	387,033	52,095	1,366,175	155,900
LEMON SOLE	458,763	66,092	47,655	4,581
YELLOWTAIL	1,074,864	103,383	255,060	20,317
HADDOCK, DRAWN:				
LARGE	17,781,840	2,758,607	8,120,411	1,174,449
SCROD	47,569,436	5,430,168	18,925,851	1,918,049
SNAPPER	103,785	12,029	15,510	1,541
HAKE:				
RED, ROUND	-	-	149,255	4,742
WHITE, DRESSED:				
LARGE	1,810	314	423,129	43,990
MEDIUM	377,590	43,704	185,480	15,368
HALIBUT, DRAWN	48,882	23,099	63,810	26,139
HERRING, SEA, ROUND	400	16	1,022,321	12,308
MACKEREL, ROUND	1,750	210	315,930	22,710
OCEAN PERCH, ROUND	672,515	25,699	15,794,546	720,097
POLLOCK, DRAWN	3,998,500	290,840	2,259,834	132,653
SALMON, ATLANTIC	-	-	12	10
SHAD, ROUND	-	-	250	8
SHARKS, DRAWN, UNCLASSIFIED	1,250	79	90	6
SKATES, ROUND	2,750	115	44,177	1,875
STRIPED BASS, ROUND	-	-	3,676	624
STURGEON, DRAWN	250	14	35	2
TILEFISH, DRAWN	-	-	6,690	500
TUNA, ROUND, BLUEFIN	-	-	8,407	533
WHITING:				
ROUND	4,900	235	43,804,509	1,997,543
DRESSED	7,100	611	217,820	11,174
WOLFFISH, DRAWN	158,390	12,057	149,799	8,298
UNCLASSIFIED:				
FOR FOOD	2,050	193	6,227,569	528,880
SPAWN	92,195	7,493	9,880	906
FOR INDUSTRIAL	-	-	2,205,570	41,333
LOBSTERS, NORTHERN	194,500	119,050	26,920	17,387
SHRIMP	-	-	19,625	2,592
SEA SCALLOP MEATS	160	64	80,258	36,589
SQUID	-	-	7,680	247
TOTAL	89,695,364	10,746,121	116,484,075	7,728,705

SPECIES	NEW BEDFORD		OTHER MASSACHUSETTS PORTS	
	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH, ROUND	-	-	196,270	$ 14,371
BILLFISH, ROUND	-	-	2,665	55
BLUEFISH, ROUND	-	-	12,659	1,506
BONITO, ROUND	-	-	3,178	470
BUTTERFISH, ROUND	11,550	$ 1,159	25,308	3,074
COD, DRAWN:				
LARGE	2,655,638	236,998	2,708,478	270,391
MARKET	2,794,287	289,065	1,226,914	115,371
SCROD	199,870	17,705	325,796	18,281
CUSK, DRAWN	3,445	220	48,340	2,754
EEL, COMMON, ROUND	-	-	173	35
FLOUNDERS, ROUND:				
BLACKBACK:				
LARGE	8,705,192	1,244,524	1,541,971	175,840
SMALL	8,297,065	907,362	661,151	47,395
DAB	2,431,875	323,493	358,499	29,151

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1966 - Continued

SPECIES	NEW BEDFORD		OTHER MASSACHUSETTS PORTS	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, ROUND - CONTINUED:				
FLUKE:				
LARGE	100,755	$ 33,140	970	$ 264
MEDIUM	53,045	12,884	3,892	838
SMALL	75,755	16,523	2,815	561
GRAY SOLE	2,209,255	286,562	529,012	59,928
LEMON SOLE	1,478,620	333,187	26,548	4,945
YELLOWTAIL	53,272,905	6,756,827	2,849,780	274,366
HADDOCK, DRAWN:				
LARGE	6,484,605	846,202	3,244,771	466,553
SCROD	9,139,350	915,626	2,601,793	197,941
SNAPPER	18,825	859	129,951	4,505
HAKE:				
RED, ROUND	-	-	753,494	16,110
WHITE, DRESSED:				
LARGE	2,225	144	21,440	2,107
MEDIUM	3,175	205	66,510	5,638
HALIBUT, DRAWN	18,812	5,151	42,437	24,459
HERRING, SEA, ROUND	-	-	5,545,620	83,799
MACKEREL, ROUND	17,000	793	2,195,602	129,344
MENHADEN, ROUND	-	-	2,725	34
OCEAN PERCH, ROUND	-	-	262	22
OCEAN POUT, ROUND	-	-	6,200	83
POLLOCK, DRAWN	188,385	13,165	277,568	15,268
SCUP OR PORGY, ROUND:				
LARGE	60	6	-	-
MEDIUM	139,425	12,123	16,065	2,982
UNCLASSIFIED	-	-	270,082	39,666
SEA BASS, ROUND:				
MEDIUM	1,050	118	3	(1)
UNCLASSIFIED	-	-	488	95
SEA ROBIN, ROUND	-	-	150	8
SHAD, ROUND	-	-	11,209	702
SHARKS, DRAWN, UNCLASSIFIED	14,004	1,525	578	33
SKATES, ROUND	-	-	19,351	924
STRIPED BASS, ROUND	-	-	130,106	21,647
STURGEON, DRAWN	235	25	1,044	148
SWORDFISH, DRESSED	488,359	237,276	-	-
TAUTOG, ROUND	880	46	6,897	326
TILEFISH, DRAWN	16,140	1,645	2,585	194
TUNA, ROUND:				
BLUEFIN	483,345	56,466	1,313,238	141,580
SKIPJACK	36,468	4,103	28,000	3,080
WHITING:				
ROUND	1,200	24	6,516,493	277,087
DRESSED	-	-	469,690	22,885
WOLFFISH, DRAWN	13,700	669	82,418	4,126
UNCLASSIFIED:				
FOR FOOD	-	-	1,037,912	92,353
SPAWN	-	-	8,017	833
FOR INDUSTRIAL	22,614,953	303,169	323,590	5,649
LOBSTERS, NORTHERN	795,086	536,955	595,793	386,399
SHRIMP	-	-	3,610	427
SEA SCALLOP MEATS	10,730,740	5,292,630	2,165	1,035
SQUID	175	12	24,177	1,965
TOTAL	133,497,454	18,688,586	36,276,453	2,969,603

SPECIES	TOTAL			
	1966		1965	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES, ROUND	6,106,359	$73,276	6,336,200	$71,292
ANGLERFISH, ROUND	199,050	14,455	24,305	819
BILLFISH, ROUND	2,665	55	-	-
BLUEFISH, ROUND	13,497	1,625	32,818	3,423
BONITO, ROUND	3,178	470	14,839	1,335
BUTTERFISH, ROUND	41,958	4,772	218,789	23,863
COD, DRAWN:				
WHALE	-	-	1,075	174
LARGE	13,928,845	1,364,114	14,054,594	1,211,868
MARKET	11,150,354	1,199,848	11,912,776	1,251,051
SCROD	3,222,961	301,679	1,290,940	114,567
CUSK, DRAWN	1,674,730	113,357	1,652,978	113,401
EEL, COMMON, ROUND	173	35	200	10
FLOUNDERS, ROUND:				
BLACKBACK:				
LARGE	11,962,439	1,615,134	10,092,674	1,216,615
SMALL	9,047,706	961,113	6,352,338	529,563

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1966 - Continued

SPECIES	TOTAL			
	1966		1965	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, ROUND - CONTINUED:				
DAB	6,328,536	$675,451	7,015,709	$622,159
FLUKE:				
LARGE	109,525	34,455	238,100	83,344
MEDIUM	57,717	13,810	40,600	12,068
SMALL	78,655	17,089	127,021	31,020
GRAY SOLE	4,491,475	554,485	3,264,741	377,017
LEMON SOLE	2,011,586	408,805	1,897,317	404,384
YELLOWTAIL	57,452,609	7,154,893	70,888,231	6,712,605
HADDOCK, DRAWN				
LARGE	35,631,627	5,245,811	50,621,493	6,813,956
SCROD	78,236,430	8,461,784	64,664,058	6,586,872
SNAPPER	268,071	18,934	344,248	22,541
HAKE:				
RED, ROUND	902,749	20,852	2,379,350	29,204
WHITE, DRESSED:				
LARGE	448,604	46,555	658,802	64,739
MEDIUM	632,755	64,915	882,982	90,595
HALIBUT, DRAWN	173,941	78,848	199,789	81,547
HERRING, SEA, ROUND	6,568,341	96,123	4,442,705	69,749
MACKEREL, ROUND	2,530,282	153,057	1,828,912	127,106
MENHADEN, ROUND	2,725	34	9,065	96
OCEAN PERCH, ROUND	16,467,323	745,818	23,293,505	1,014,005
OCEAN POUT, ROUND	6,200	83	728,010	9,925
POLLOCK, DRAWN	6,724,287	451,926	9,351,612	670,535
SALMON, ATLANTIC	12	10	-	-
SCUP OR PORGY, ROUND:				
LARGE	60	6	-	-
MEDIUM	155,490	15,105	179,860	18,153
UNCLASSIFIED	270,082	39,666	242,551	27,282
SEA BASS, ROUND:				
MEDIUM	1,053	118	1,075	129
UNCLASSIFIED	488	95	9,625	1,258
SEA ROBIN, ROUND	150	8	-	-
SHAD, ROUND	11,459	710	24,342	1,672
SHARKS, DRAWN, UNCLASSIFIED	15,922	1,643	13,985	1,399
SKATES, ROUND	66,278	2,914	84,075	3,359
STRIPED BASS, ROUND	133,782	22,271	83,967	15,344
STURGEON, DRAWN	1,564	189	2,733	383
SWORDFISH, DRESSED	488,359	237,276	381,006	177,074
TAUTOG, ROUND	7,777	372	6,486	275
TILEFISH, DRAWN	25,415	2,339	214,460	20,026
TUNA, ROUND:				
BLUEFIN	1,804,990	198,579	2,381,737	143,760
SKIPJACK	64,468	7,183	5,000	500
UNCLASSIFIED	-	-	210,000	18,990
WHITING:				
ROUND	50,327,102	2,274,889	44,671,732	1,301,958
DRESSED	694,610	34,670	139,260	7,582
WOLFFISH, DRAWN	404,307	25,150	469,565	30,014
UNCLASSIFIED:				
FOR FOOD	7,267,531	621,426	6,606,245	485,695
SPAWN	110,092	9,232	160,163	14,176
FOR INDUSTRIAL	25,144,113	350,151	43,186,606	462,157
LOBSTERS, NORTHERN	1,612,299	1,059,791	2,472,985	1,403,349
SHRIMP	23,235	3,019	17,685	2,249
SEA SCALLOP MEATS	10,813,323	5,330,318	11,871,791	8,028,661
SQUID	32,032	2,224	436,002	30,933
TOTAL	375,953,346	40,133,015	408,733,712	40,557,826

1/ LESS THAN 50 CENTS.

NOTE:--THIS REPORT INCLUDES ALL LANDINGS IN MASSACHUSETTS EXCEPT THE INSHORE CATCH OF SHELLFISH, ETC. (LOBSTERS, CLAMS, BAY SCALLOPS, IRISH MOSS) AND SMALL QUANTITIES OF FINFISH. IN 1965, LANDINGS SHOWN ABOVE ACCOUNTED FOR 97.5 PERCENT OF THE MASSACHUSETTS TOTAL CATCH. THE WEIGHTS OF FISH GIVEN HERE REPRESENT THE FRESH FISH AS LANDED AND THE VALUES ARE THOSE RECEIVED BY THE FISHERMEN. THE GRADES OR SIZES GIVEN FOR CERTAIN SPECIES ARE THOSE RECOGNIZED IN THE TRADE. "WHALE" COD ARE CLASSIFIED AS THOSE WEIGHING OVER 25 POUNDS; "LARGE" COD, 10 TO 25 POUNDS; "MARKET" COD, 2-1/2 TO 10 POUNDS; AND "SCROD" COD, 1-1/2 TO 2-1/2 POUNDS. "LARGE" BLACKBACK FLOUNDERS, 1 TO 3-1/2 POUNDS; AND "SMALL" BLACKBACK FLOUNDERS, 3/4 TO 1 POUND. "LARGE" FLUKE, OVER 4 POUNDS; "MEDIUM" FLUKE, 3 TO 4 POUNDS; AND "SMALL" FLUKE, 1-1/2 TO 3 POUNDS. "LARGE" HADDOCK ARE THOSE WEIGHING OVER 2-1/2 POUNDS; "SCROD" HADDOCK, 1-1/2 TO 2-1/2 POUNDS; AND "SNAPPER" HADDOCK, UNDER 1-1/2 POUNDS. "LARGE" HAKE ARE THOSE WEIGHING OVER 6 POUNDS, AND "MEDIUM" HAKE, UNDER 6 POUNDS. THE FOLLOWING TERMS INDICATE THE CONDITION IN WHICH LANDED: "ROUND," AS CAUGHT; "DRAWN," EVISCERATED; AND "DRESSED," EVISCERATED AND HEADED. THE CATEGORY "OTHER MASSACHUSETTS PORTS" INCLUDES PLYMOUTH, PROVINCETOWN, AND OTHER CAPE COD PORTS.

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND
					LARGE	MARKET	SCROD		BLACK-BACK
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:									
WESTERN MAINE	1	1.0	2	1.5	600	650	200	1,850	-
EASTERN MASSACHUSETTS	46	1,035.0	1,067	450.3	108,300	152,135	20,380	212,425	24,916
INNER GROUNDS	4	16.6	33	15.5	29,615	21,065	3,975	55,875	-
WEST SIDE SOUTH CHANNEL	28	1,670.4	1,809	935.6	1,163,907	275,130	43,648	73,894	18,995
TOTAL	1/ 68	2,723.0	2,911	1,402.9	1,302,422	448,980	68,203	344,044	43,911
HANDLINES:									
EASTERN MASSACHUSETTS	85	1,099.0	1,099	476.3	28,082	47,225	35	560	590
WEST SIDE SOUTH CHANNEL	43	1,643.0	1,643	821.3	1,141,678	241,102	16,546	1,861	6,430
SOUTH MASSACHUSETTS	3	4.0	4	.2	2,510	1,890	-	-	-
TOTAL	1/ 109	2,746.0	2,746	1,297.8	1,172,270	290,217	16,581	2,421	7,020
HARPOONS:									
EASTERN MASSACHUSETTS	4	6.0	6	1.0	-	-	-	-	-
SOUTHWEST GEORGES	1	3.0	29	17.5	-	-	-	-	-
NANTUCKET SHOALS AND LIGHTSHIP. .	3	7.0	35	17.8	-	-	-	-	-
OF NO MANS LAND	3	5.0	17	8.5	-	-	-	-	-
TOTAL	1/ 8	21.0	87	44.8	-	-	-	-	-
LONGLINES:									
EASTERN MASSACHUSETTS	2	10.0	10	2.9	4,173	485	30	-	-
CENTRAL AND SOUTHEAST GEORGES . .	1	2.0	28	19.0	-	-	-	-	-
SOUTHWEST GEORGES	3	9.0	122	88.0	-	-	-	-	-
OFF LONG ISLAND	5	17.0	203	139.0	-	-	-	-	-
TOTAL	1/ 7	38.0	363	248.9	4,173	485	30	-	-
OTTER TRAWLS (ALL SIZES):									
ST. PIERRE BANK	1	1.9	33	4.5	-	-	-	-	-
EAST GULF OF ST. LAWRENCE	9	20.0	282	48.8	-	300	-	-	-
NORTH GULF ST. LAWRENCE	5	4.1	54	14.5	-	-	-	-	-
NORTHEAST CAPE BRETON	1	.1	1	.4	-	-	-	-	-
MISAINE BANK.	1	.2	3	1.0	-	-	-	-	-
BANQUEREAU.	1	1.0	17	4.0	-	-	-	-	-
CANSO	2	3.1	39	11.0	5,000	5,000	-	-	-
MIDDLE GROUND	1	.1	1	.5	-	-	-	-	-
SOUTHEAST SABLE ISLAND BANK . . .	2	2.1	20	5.0	-	-	-	-	-
HORSESHOE GROUND.	5	2.2	16	7.2	1,375	400	-	375	-
EASTERN NOVA SCOTIA	7	9.1	95	31.2	1,688	6,795	-	750	-
EMERALD BANK.	3	.9	10	3.0	1,500	-	-	1,125	-
CENTRAL NOVA SCOTIA	16	56.9	543	153.2	3,699	19,145	675	3,030	-
EAST BROWNS AND LAHAVE.	12	6.3	61	27.0	11,393	19,360	2,420	490	-
SOUTHERN NOVA SCOTIA.	12	15.2	136	51.2	22,713	50,328	63	505	175
WESTERN BROWNS.	28	28.1	260	169.8	263,970	329,097	59,242	35,736	4,355
WESTERN NOVA SCOTIA	19	24.3	187	111.4	103,428	98,792	98,536	36,708	2,028
SOUTHERN BAY OF FUNDY	8	9.6	68	38.2	20,627	30,285	29,548	6,468	235

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND
					LARGE	MARKET	SCROD		BLACK-BACK
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS (ALL SIZES): - CONTD.									
NORTHERN BAY OF FUNDY	27	45.3	386	277.9	143,508	280,930	221,580	48,455	-
EASTERN MAINE	28	24.8	193	136.1	110,702	166,613	141,604	23,507	747
CENTRAL MAINE	1	1.0	1	.8	-	1,875	-	-	420
WESTERN MAINE	41	298.7	649	349.3	302,741	459,287	77,498	46,724	72,324
EASTERN MASSACHUSETTS	161	7,740.3	8,229	3,522.8	916,609	1,285,451	478,061	60,746	1,498,294
INNER GROUNDS	18	11.8	52	30.2	8,351	10,125	4,167	5,910	375
WEST SIDE SOUTH CHANNEL	198	1,786.5	6,331	3,822.3	1,667,374	2,380,459	700,341	266,109	4,541,873
EAST SIDE SOUTH CHANNEL	186	1,045.1	6,866	4,771.3	2,084,083	1,248,868	340,416	337,412	1,012,333
NORTHERN EDGE AND NORTHEAST PEAK.	81	306.2	2,603	1,922.6	1,227,372	1,139,377	654,919	375,489	293,454
CENTRAL AND SOUTHEAST GEORGES . .	152	569.4	4,432	3,061.3	2,832,732	1,214,429	174,097	67,351	731,224
SOUTHWEST GEORGES	152	560.9	4,021	2,604.5	740,436	361,134	19,195	7,060	605,454
NANTUCKET SHOALS AND LIGHTSHIP. .	188	1,643.0	8,951	5,900.7	671,277	942,183	132,450	2,200	10,213,669
OFF NO MANS LAND.	110	672.5	1,863	1,074.8	33,603	22,145	925	-	415,420
SOUTHERN MASSACHUSETTS.	57	276.8	800	393.3	7,735	25,190	1,050	-	1,344,355
RHODE ISLAND SHORE.	19	27.0	111	55.2	1,475	1,500	-	-	111,220
OFF LONG ISLAND	48	147.5	473	246.2	12,030	6,880	1,080	85	70,045
TOTAL	1/ 422	15,342.0	47,787	28,851.2	11,195,421	10,105,948	3,137,867	1,326,235	20,918,000
FLOATING TRAPS,									
EASTERN MASSACHUSETTS	5	149.0	149	149.0	-	10	-	-	-
SINK GILL NETS,									
EASTERN MASSACHUSETTS	6	560.0	560	560.0	254,174	301,005	280	2,030	13,790
DRIFT GILL NETS,									
EASTERN MASSACHUSETTS	8	130.0	131	124.1	14	-	-	-	-
PURSE SEINES:									
EASTERN MASSACHUSETTS	7	151.0	158	50.6	-	-	-	-	-
WEST SIDE SOUTH CHANNEL	1	3.0	6	3.0	-	-	-	-	-
OFF NO MANS LAND.	5	29.0	86	22.1	-	-	-	-	-
TOTAL	1/ 9	183.0	250	75.7	-	-	-	-	-
SCALLOP DREDGES:									
XXII UNCLASSIFIED	1	1.0	9	7.0	-	-	-	-	-
EASTERN MASSACHUSETTS	1	6.0	6	1.8	-	-	-	-	540
WEST SIDE SOUTH CHANNEL	8	9.5	72	54.5	-	-	-	-	-
EAST SIDE SOUTH CHANNEL	33	82.7	644	529.9	-	125	-	-	4,170
NORTHERN EDGE AND NORTHEAST PEAK.	9	14.0	110	85.8	-	-	-	-	700
CENTRAL AND SOUTHEAST GEORGES . .	6	5.3	40	31.0	-	-	-	-	-
SOUTHWEST GEORGES	6	7.0	49	35.7	-	-	-	-	-
NANTUCKET SHOALS AND LIGHTSHIP. .	18	41.5	325	260.5	-	-	-	-	5,425
OFF NO MANS LAND.	1	1.0	8	7.0	-	-	-	-	-
RHODE ISLAND SHORE.	2	5.0	25	13.9	-	-	-	-	-
OFF LONG ISLAND	47	663.0	5,702	4,298.1	-	-	-	-	570
TOTAL	1/ 48	836.0	6,990	5,325.2	-	125	-	-	11,405

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSKS, DRAWN	FLOUNDERS, ROUND
					LARGE	MARKET	SCROD		BLACK-BACK
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
POUND NETS:									
EASTERN MASSACHUSETTS	5	453.0	453	453.0	171	2,535	-	-	-
SOUTHERN MASSACHUSETTS	5	366.0	366	366.0	-	924	-	-	4,644
TOTAL	1/ 10	819.0	819	819.0	171	3,459	-	-	4,644
LOBSTER TRAWLS:									
EAST SIDE SOUTH CHANNEL	6	12.0	91	11.3	-	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES	4	10.0	91	62.0	-	-	-	-	-
SOUTHWEST GEORGES	15	78.1	723	495.1	200	125	-	-	125
NANTUCKET SHOALS AND LIGHTSHIP	16	57.9	498	276.9	-	-	-	-	11,250
OFF NO MANS LAND	3	3.5	20	12.5	-	-	-	-	-
SOUTHERN MASSACHUSETTS	4	6.0	58	1.8	-	-	-	-	-
OFF LONG ISLAND	2	2.5	28	18.5	-	-	-	-	-
TOTAL	1/ 20	170.0	1,509	878.1	200	125	-	-	11,375
GRAND TOTAL	1/ 667	23,717.0	64,302	39,776.7	13,928,845	11,150,354	3,222,961	1,674,730	21,010,145

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED					HADDOCK, DRAWN			HAKE	
	DAB	FLUKE	GRAY SOLE	LEMON SOLE	YELLOW-TAIL	LARGE	SCROD	SNAPPER	RED, ROUND	WHITE, DRESSED LARGE
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:										
WESTERN MAINE	-	-	-	-	-	650	900	-	-	-
EASTERN MASSACHUSETTS	145	-	50	-	-	397,815	52,750	140	-	250
INNER GROUNDS	-	-	-	-	-	25,695	6,875	-	-	-
WEST SIDE SOUTH CHANNEL	467	160	2,390	4,293	1,273	1,992,956	186,211	50	105	-
TOTAL	612	160	2,440	4,293	1,273	2,417,116	246,736	190	105	250
HANDLINES:										
EASTERN MASSACHUSETTS	-	-	-	-	-	365	140	-	-	225
WEST SIDE SOUTH CHANNEL	5	5	2	305	372	188,604	18,004	-	-	-
TOTAL	5	5	2	305	372	188,969	18,144	-	-	225
OTTER TRAWLS (ALL SIZES):										
BANQUEREAU	-	-	-	-	-	-	500	-	-	-
HORSESHOE GROUND	4,500	-	750	-	-	6,000	23,500	-	-	125
EASTERN NOVA SCOTIA	175	-	665	-	-	2,775	1,863	-	-	1,025
EMERALD BANK	800	-	125	-	-	-	675	-	-	-
CENTRAL NOVA SCOTIA	475	-	2,570	375	-	3,497	4,937	-	-	1,172
EASTERN BROWNS AND LAHAVE	4,900	-	360	-	-	38,500	56,663	-	-	2,380
SOUTHERN NOVA SCOTIA	7,775	-	2,630	113	1,570	85,908	68,217	-	-	68
WESTERN BROWNS	23,345	-	1,661	3,151	10,700	715,905	836,293	-	-	1,903
WESTERN NOVA SCOTIA	49,904	-	9,539	500	8,100	120,806	335,010	-	-	1,235
SOUTHERN BAY OF FUNDY	17,962	-	3,052	-	1,100	116,400	296,684	-	-	3,236

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED					HADDOCK, DRAWN			HAKE	
	DAB	FLUKE	GRAY SOLE	LEMON SOLE	YELLOW-TAIL	LARGE	SCROD	SNAPPER	RED, ROUND	WHITE, DRESSED LARGE
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS (ALL SIZES): - CONTD.										
NORTHERN BAY OF FUNDY	124,182	-	28,030	-	10,250	558,325	1,531,800	-	-	9,950
EASTERN MAINE	29,339	-	29,109	-	3,100	191,539	582,834	-	-	14,985
CENTRAL MAINE	625	-	-	-	-	175	-	-	-	-
WESTERN MAINE	217,962	-	356,798	960	32,200	321,748	486,292	540	10,039	49,028
EASTERN MASSACHUSETTS	992,780	2,060	846,559	15,045	2,502,441	1,894,524	2,971,286	133,670	469,045	85,766
INNER GROUNDS	10,406	-	3,613	250	1,250	36,772	88,432	-	-	374
WEST SIDE SOUTH CHANNEL	705,646	150	727,400	255,556	1,482,088	6,727,498	16,267,466	33,436	336,275	85,728
EAST SIDE SOUTH CHANNEL	3,121,350	3,320	828,331	587,150	3,261,013	9,508,751	21,984,969	65,510	685	112,711
NORTHERN EDGE AND NORTHEAST PEAK.	343,829	7,400	84,733	135,532	272,976	3,692,691	15,425,134	11,360	1,500	43,017
CENTRAL AND SOUTHEAST GEORGES . .	395,678	1,602	75,533	479,535	9,749,681	4,725,656	10,289,170	8,415	-	3,058
SOUTHWEST GEORGES	174,430	6,533	775,180	196,111	11,527,959	2,889,407	3,320,789	11,350	-	1,528
NANTUCKET SHOALS AND LIGHTSHIP. .	99,146	88,775	675,480	283,685	24,029,876	1,253,580	3,382,876	3,600	-	4,010
OFF NO MANS LAND.	1,440	14,018	21,530	3,200	2,893,915	5,475	5,360	-	85,100	7,445
SOUTHERN MASSACHUSETTS.	70	113,985	200	9,165	70,565	2,300	3,525	-	-	-
RHODE ISLAND SHORE.	-	650	975	-	241,315	80	-	-	-	-
OFF LONG ISLAND	100	1,397	13,255	32,250	1,305,162	635	225	-	-	2,375
TOTAL	6,326,819	239,890	4,488,078	2,002,578	57,405,261	32,898,947	77,964,500	267,881	902,644	431,119
SINK GILL NETS,										
EASTERN MASSACHUSETTS	-	-	-	-	-	123,025	50	-	-	17,010
SCALLOP DREDGES:										
EAST SIDE SOUTH CHANNEL	875	300	205	4,285	2,475	-	375	-	-	-
NORTHERN EDGE AND NORTHEAST PEAK.	100	-	375	-	950	-	-	-	-	-
NANTUCKET SHOALS AND LIGHTSHIP. .	-	-	250	125	200	100	-	-	-	-
OFF LONG ISLAND	-	1,970	-	-	8,603	-	-	-	-	-
TOTAL	975	2,270	830	4,410	12,228	100	375	-	-	-
POUND NETS,										
SOUTHERN MASSACHUSETTS.	-	3,292	-	-	-	-	-	-	-	-
LOBSTER TRAWLS:										
SOUTHWEST GEORGES	125	180	-	-	29,975	3,470	6,625	-	-	-
NANTUCKET SHOALS AND LIGHTSHIP. .	-	100	125	-	3,500	-	-	-	-	-
TOTAL	125	280	125	-	33,475	3,470	6,625	-	-	-
GRAND TOTAL	6,328,536	245,897	4,491,475	2,011,586	57,452,609	35,631,627	78,236,430	268,071	90[illegible],749	448,604

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966 - Continued

GEAR AND SUBAREA	HAKE-CONTD. WHITE, DRESSED MEDIUM	HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORD-FISH, DRESSED	TILE-FISH, DRAWN	TUNA, ROUND
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:										
WESTERN MAINE	550	-	-	-	-	75	-	-	-	-
EASTERN MASSACHUSETTS	12,240	30,526	-	-	-	1,592	-	-	-	-
INNER GROUNDS	3,350	851	-	-	-	1,330	-	-	-	-
WEST SIDE SOUTH CHANNEL	24,494	29,856	-	-	107	42,236	-	-	-	-
TOTAL	40,634	61,233	-	-	107	45,233	-	-	-	-
HANDLINES:										
EASTERN MASSACHUSETTS	15	-	-	-	-	30,457	-	-	-	7,465
WEST SIDE SOUTH CHANNEL	4,232	2,695	-	-	25	114,231	100	-	-	-
SOUTHERN MASSACHUSETTS.	-	-	-	-	-	4,809	-	-	-	-
TOTAL	4,247	2,695	-	-	25	149,497	100	-	-	7,465
HARPOONS:										
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	-	-	5,737
SOUTHWEST GEORGES	-	-	-	-	-	-	-	21,772	-	-
NANTUCKET SHOALS AND LIGHTSHIP. .	-	-	-	-	-	-	-	30,102	-	-
OFF NO MANS LAND.	-	-	-	-	-	-	-	12,461	-	-
TOTAL	-	-	-	-	-	-	-	64,335	-	5,737
LONGLINES:										
CENTRAL AND SOUTHEAST GEORGES . .	-	-	-	-	-	-	-	18,938	-	3,831
SOUTHWEST GEORGES	-	-	-	-	-	-	-	140,678	-	4,417
OFF LONG ISLAND	-	-	-	-	-	-	-	258,423	-	9,801
TOTAL	-	-	-	-	-	-	-	418,039	-	18,049
OTTER TRAWLS (ALL SIZES):										
ST. PIERRE BANK	-	-	-	-	78,600	-	-	-	-	-
EAST GULF OF ST. LAWRENCE	50	-	-	-	3,456,023	675	-	-	-	-
NORTH GULF OF ST. LAWRENCE. . . .	-	-	-	-	819,820	-	-	-	-	-
MISAINE BANK.	-	-	-	-	26,960	-	-	-	-	-
CANSO	-	-	-	-	451,200	-	-	-	-	-
MIDDLE GROUND	-	-	-	-	16,700	-	-	-	-	-
SOUTHEAST SABLE ISLAND BANK . . .	-	75	-	-	278,200	-	-	-	-	-
HORSESHOE GROUND.	-	250	-	-	102,518	125	-	-	-	-
EASTERN NOVA SCOTIA	200	247	-	-	1,242,720	2,638	-	-	-	-
EMERALD BANK.	150	355	-	-	162,408	750	-	-	-	-
CENTRAL NOVA SCOTIA	1,300	940	-	-	6,054,272	11,949	-	-	-	-
EASTERN BROWNS AND LAHAVE	-	-	-	-	438,950	29,933	-	-	-	-
SOUTHERN NOVA SCOTIA.	20	348	-	-	1,003,720	2,335	-	-	-	-
WESTERN BROWNS.	645	1,346	-	-	3,200	213,217	-	-	-	-
WESTERN NOVA SCOTIA	35,005	446	-	-	19,785	679,320	-	-	-	-
SOUTHERN BAY OF FUNDY	8,200	790	-	-	8,080	32,400	-	-	-	-
NORTHERN BAY OF FUNDY	71,895	1,854	-	-	32,820	229,965	-	-	-	-
EASTERN MAINE	22,215	1,689	-	-	56,010	49,075	-	-	-	-
WESTERN MAINE	31,747	4,334	-	-	99,704	246,756	-	-	-	-
EASTERN MASSACHUSETTS	72,852	10,864	9,805	-	407,365	481,807	-	-	1,000	-

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966 - Continued

GEAR AND SUBAREA	HAKE-CONTD.	HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORD-FISH, DRESSED	TILE-FISH, DRAWN	TUNA, ROUND
	WHITE, DRESSED									
	MEDIUM									
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS (ALL SIZES): - CONTD.										
INNER GROUNDS	4,087	114	-	-	10,156	49,482	-	-	-	-
WEST SIDE SOUTH CHANNEL	120,715	21,298	1,335	-	1,055,495	704,510	-	-	-	-
EAST SIDE SOUTH CHANNEL	146,750	30,360	-	-	515,078	2,002,292	-	-	1,810	-
NORTHERN EDGE AND NORTHEAST PEAK	52,513	12,844	-	-	110,582	878,425	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES	6,619	11,848	-	-	1,900	307,960	-	-	-	-
SOUTHWEST GEORGES	1,450	5,076	-	-	13,400	54,090	-	-	6,250	-
NANTUCKET SHOALS AND LIGHTSHIP	3,731	4,457	2,300	-	1,425	132,336	2,100	2,033	12,415	-
OFF NO MANS LAND	5,150	-	-	-	100	100,390	5,065	3,952	2,850	-
SOUTHERN MASSACHUSETTS	20	-	-	-	-	-	217,170	-	-	-
OFF LONG ISLAND	375	-	-	-	-	90,000	60	-	1,090	-
TOTAL	585,689	109,535	13,440	-	16,467,191	6,300,430	224,395	5,985	25,415	-
FLOATING TRAPS, EASTERN MASSACHUSETTS	-	-	311,745	-	-	-	-	-	-	-
SINK GILL NETS, EASTERN MASSACHUSETTS	1,935	478	-	-	-	173,105	-	-	-	-
DRIFT GILL NETS, EASTERN MASSACHUSETTS	-	-	59,552	-	-	-	-	-	-	-
PURSE SEINES:										
EASTERN MASSACHUSETTS	-	-	667,170	-	-	-	-	-	-	51,290
WEST SIDE SOUTH CHANNEL	-	-	14,700	-	-	-	-	-	-	-
OFF NO MANS LAND	-	-	-	-	-	-	-	-	-	1,504,364
TOTAL	-	-	681,870	-	-	-	-	-	-	1,555,654
POUND NETS:										
EASTERN MASSACHUSETTS	-	-	1,404,283	175	-	56,022	-	-	-	281,372
SOUTHERN MASSACHUSETTS	-	-	59,392	2,550	-	-	201,137	-	-	1,181
TOTAL	-	-	1,463,675	2,725	-	56,022	201,137	-	-	282,553
LOBSTER TRAWLS, SOUTHWEST GEORGES	250	-	-	-	-	-	-	-	-	-
GRAND TOTAL	632,755	173,941	2,530,282	2,725	16,467,323	6,724,287	425,632	488,359	25,415	1,869,458

SEE NOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966 - Continued

GEAR AND SUBAREA	WHITING		WOLF-FISH, DRAWN	UNCLASSIFIED		OTHER SPECIES	SEA SCALLOP MEATS	TOTAL
	ROUND	DRESSED		FOR FOOD	FOR INDUSTRIAL USE			
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:								
WESTERN MAINE	-	-	-	-	-	-	-	5,475
EASTERN MASSACHUSETTS	-	-	1,095	357,520	-	1,760	-	1,374,039
INNER GROUNDS	-	-	100	700	-	35	-	149,466
WEST SIDE SOUTH CHANNEL	-	75	5,527	1,522	-	9,800	-	3,877,096
TOTAL	-	75	6,722	359,742	-	11,595	-	5,406,076
HANDLINES:								
EASTERN MASSACHUSETTS	-	-	-	215,875	-	79,819	-	410,853
WEST SIDE SOUTH CHANNEL	5	-	821	-	-	31,382	-	1,768,405
SOUTHERN MASSACHUSETTS	-	-	-	-	-	-	-	9,209
TOTAL	5	-	821	215,875	-	111,201	-	2,188,467
HARPOONS:								
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	5,737
SOUTHWEST GEORGES	-	-	-	-	-	-	-	21,772
NANTUCKET SHOALS AND LIGHTSHIP	-	-	-	-	-	-	-	30,102
OFF NO MANS LAND	-	-	-	-	-	-	-	12,461
TOTAL	-	-	-	-	-	-	-	70,072
LONGLINES:								
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	4,688
CENTRAL AND SOUTHEAST GEORGES	-	-	-	-	-	808	-	23,577
SOUTHWEST GEORGES	-	-	-	-	-	6,171	-	151,266
OFF LONG ISLAND	-	-	-	-	-	7,025	-	275,249
TOTAL	-	-	-	-	-	14,004	-	454,780
OTTER TRAWLS (ALL SIZES):								
ST. PIERRE BANK	-	-	-	-	-	-	-	78,600
EAST GULF OF ST. LAWRENCE	-	-	50	-	-	-	-	3,457,098
NORTH GULF OF ST. LAWRENCE	-	-	-	-	-	-	-	819,820
MISAINE BANK	-	-	-	3,000	-	-	-	29,960
BANQUEREAU	-	-	2,500	-	-	-	-	3,000
CANSO	-	-	-	-	-	-	-	461,200
MIDDLE GROUND	-	-	-	-	-	-	-	16,700
SOUTHEAST SABLE ISLAND BANK	-	-	-	1,000	-	-	-	279,275
HORSESHOE GROUND	-	-	-	9,450	-	-	-	149,368
EASTERN NOVA SCOTIA	-	-	1,725	3,300	-	-	-	1,266,566
EMERALD BANK	-	-	-	-	-	-	-	167,888
CENTRAL NOVA SCOTIA	-	-	925	60,900	-	-	-	6,169,861
EASTERN BROWNS AND LAHAVE	-	-	-	7,700	-	-	-	613,049
SOUTHERN NOVA SCOTIA	-	-	8,995	8,500	-	-	-	1,263,983
WESTERN BROWNS	1,600	-	23,320	-	-	-	-	2,528,686
WESTERN NOVA SCOTIA	-	-	2,590	-	-	-	-	1,601,732
SOUTHERN BAY OF FUNDY	-	-	875	-	-	-	-	575,942
NORTHERN BAY OF FUNDY	-	100	4,790	5,000	-	-	-	3,303,434

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1966 - Continued

GEAR AND SUBAREA	WHITING		WOLF-FISH, DRAWN	UNCLASSIFIED		OTHER SPECIES	SEA SCALLOP MEATS	TOTAL
	ROUND	DRESSED		FOR FOOD	FOR INDUSTRIAL USE			
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS (ALL SIZES): - CONTD.								
EASTERN MAINE	-	-	2,035	-	-	-	-	1,425,103
CENTRAL MAINE	-	-	-	3,875	-	-	-	6,970
WESTERN MAINE	5,685,775	-	12,080	81,295	116,390	11,883	-	8,724,105
EASTERN MASSACHUSETTS	11,756,979	70,810	127,212	5,529,476	1,221,980	240,396	351	34,083,234
INNER GROUNDS	-	-	2,210	11,850	-	-	-	247,924
WEST SIDE SOUTH CHANNEL	23,718,168	118,200	92,175	85,278	1,016,750	113,019	-	63,224,342
EAST SIDE SOUTH CHANNEL	3,075,655	300	53,762	76,770	990	51,494	160	50,452,323
NORTHERN EDGE AND NORTHEAST PEAK	7,900	-	21,432	10,040	-	44,009	-	24,846,528
CENTRAL AND SOUTHEAST GEORGES	-	-	23,605	6,800	-	58,151	-	31,165,044
SOUTHWEST GEORGES	-	-	4,400	2,800	-	89,430	-	20,813,462
NANTUCKET SHOALS AND LIGHTSHIP	1,363,490	-	11,518	-	4,203,826	138,260	-	47,660,698
OFF NO MANS LAND	4,183,330	475,125	125	1,195	16,199,657	46,437	-	24,532,952
SOUTHERN MASSACHUSETTS	-	-	125	6,250	26,300	3,071	-	1,831,076
RHODE ISLAND SHORE	-	-	-	-	-	-	-	357,215
OFF LONG ISLAND	525,000	30,000	70	-	1,844,620	1,150	-	3,937,884
TOTAL	50,317,897	694,535	396,519	5,914,479	24,630,513	797,300	511	336,095,022
FLOATING TRAPS, EASTERN MASSACHUSETTS	-	-	-	13,240	-	207	-	325,202
SINK GILL NETS, EASTERN MASSACHUSETTS	-	-	245	764,195	-	205	-	1,651,527
DRIFT GILL NETS, EASTERN MASSACHUSETTS	200	-	-	-	-	30	-	59,796
PURSE SEINES:								
EASTERN MASSACHUSETTS	-	-	-	-	239,320	10,998,213	-	11,955,993
WEST SIDE SOUTH CHANNEL	-	-	-	-	274,280	-	-	288,980
OFF NO MANS LAND	-	-	-	-	-	-	-	1,504,364
TOTAL	-	-	-	-	513,600	10,998,213	-	13,749,337
SCALLOP DREDGES:								
XXII UNCLASSIFIED	-	-	-	-	-	-	20,726	20,726
EASTERN MASSACHUSETTS	-	-	-	-	-	-	1,814	2,354
WEST SIDE SOUTH CHANNEL	-	-	-	-	-	-	84,133	84,133
EAST SIDE SOUTH CHANNEL	-	-	-	-	-	-	994,930	1,007,740
NORTHERN EDGE AND NORTHEAST PEAK	-	-	-	-	-	-	206,184	208,309
CENTRAL AND SOUTHEAST GEORGES	-	-	-	-	-	-	41,925	41,925
SOUTHWEST GEORGES	-	-	-	-	-	-	52,280	52,280
NANTUCKET SHOALS AND LIGHTSHIP	-	-	-	-	-	-	455,329	461,429
OFF NO MANS LAND	-	-	-	-	-	-	11,891	11,891
RHODE ISLAND SHORE	-	-	-	-	-	-	5,667	5,667
OFF LONG ISLAND	-	-	-	-	-	-	8,937,933	8,949,076
TOTAL	-	-	-	-	-	-	10,812,812	10,845,530

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

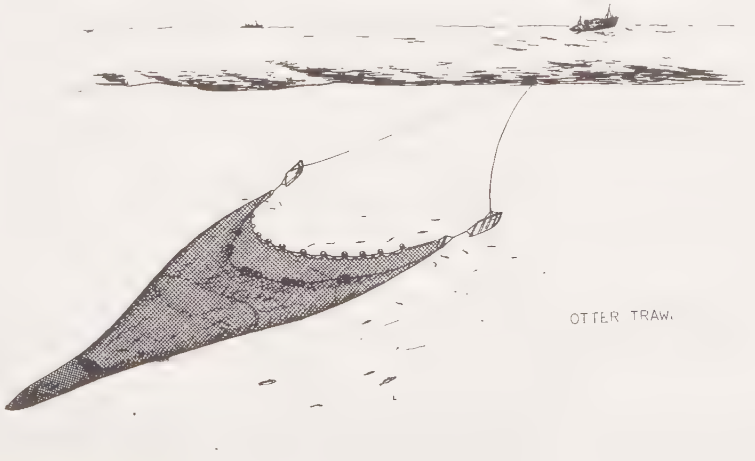
LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY — BY GEAR AND SUBAREA, 1966 — Continued

GEAR AND SUBAREA	WHITING		WOLF-FISH-DRAWN	UNCLASSIFIED		OTHER SPECIES	SEA SCALLOP MEATS	TOTAL
	ROUND	DRESSED		FOR FOOD	FOR INDUSTRIAL USE			
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
POUND NETS:								
EASTERN MASSACHUSETTS	-	-	-	-	-	1,270,097	-	3,014,655
SOUTHERN MASSACHUSETTS.	-	-	-	-	-	444,264	-	717,384
TOTAL	-	-	-	-	-	1,714,361	-	3,732,039
LOBSTER TRAWLS:								
EAST SIDE SOUTH CHANNEL	-	-	-	-	-	120,211	-	120,211
CENTRAL AND SOUTHEAST GEORGES . .	-	-	-	-	-	102,095	-	102,095
SOUTHWEST GEORGES	9,000	-	-	-	-	640,128	-	690,203
NANTUCKET SHOALS AND LIGHTSHIP. .	-	-	-	-	-	369,014	-	382,989
OFF NO MANS LAND.	-	-	-	-	-	15,064	-	16,064
SOUTHERN MASSACHUSETTS.	-	-	-	-	-	45,086	-	45,086
OFF LONG ISLAND	-	-	-	-	-	18,850	-	18,850
TOTAL	9,000	-	-	-	-	1,310,448	-	1,375,498
GRAND TOTAL	50,327,102	694,610	404,307	7,767,531	25,144,113	14,957,564	10,813,323	375,953,346

1/ EXCLUSIVE OF DUPLICATION.

NOTE: ALL SPECIES ARE LISTED AS LANDED WEIGHT. LANDED WEIGHT OF FINFISH MAY BE CONVERTED TO ROUND WEIGHT BY MULTIPLYING BY THE FOLLOWING FACTORS: COD, DRAWN 1.17; CUSK, DRAWN 1.13; HADDOCK, DRAWN 1.14; WHITE HAKE, DRESSED 1.34; HALIBUT, DRAWN 1.15; POLLOCK, DRAWN 1.13; WHITING, DRESSED 1.66; AND WOLFFISH, DRAWN 1.20. THIS REPORT INCLUDES ALL LANDINGS IN MASSACHUSETTS EXCEPT THE INSHORE CATCH OF SHELLFISH, ETC., (PRINCIPALLY LOBSTERS, CLAMS, IRISH MOSS, SEA MUSSELS, AND BAY SCALLOPS) AND LESSER QUANTITIES OF FINFISH (ALEWIVES, STRIPED BASS, MACKEREL, ETC.). COMPARATIVE DATA ON LANDINGS IN 1965 ACCOUNTED FOR 97.5 PERCENT OF THE MASSACHUSETTS TOTAL CATCH. A SINGLE TRIP IS REPORTED FOR EACH VOYAGE. DAYS ABSENT IS THE MEASURE OF TIME, TO THE NEAREST COMPLETE DAY, THAT A VESSEL IS AWAY FROM PORT DURING A FISHING TRIP. WHEN A CRAFT OPERATED IN TWO OR MORE SUBAREAS DURING A VOYAGE, A FRACTIONAL PART (IN TENTHS) OF THE TRIP IS ALLOTTED TO THE SUBAREA ON THE BASIS OF THE CATCH TAKEN IN EACH SUBAREA. "OCCASIONAL" AFTER THE NAME OF A SUBAREA INDICATES THAT THE CRAFT CONTRIBUTING TO THE CATCH AS SHOWN FISHED CHIEFLY WITH ANOTHER TYPE OF GEAR. DAYS FISHED IS THE TIME ACTUAL FISHING OPERATIONS WERE CARRIED ON, EXPRESSED TO THE NEAREST TENTH OF A DAY. TO OBTAIN FISHING TIME IN HOURS, MULTIPLY NUMBER OF DAYS FISHED BY 24.



OTTER TRAWL

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1966

AREA AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND	
					LARGE	MARKET	SCROD		BLACK-BACK	DAB
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
GULF OF ST. LAWRENCE (AREA XIX):										
EAST GULF OF ST. LAWRENCE	9	20.0	282	48.8	-	300	-	-	-	-
NORTH GULF OF ST. LAWRENCE. . . .	5	4.1	54	14.5	-	-	-	-	-	-
TOTAL	1/ 11	24.1	336	63.3	-	300	-	-	-	-
OFF GRAND BANKS (AREA XX), ST. PIERRE BANK	1	1.9	33	4.5	-	-	-	-	-	-
OFF NOVA SCOTIA (AREA XXI):										
NORTHEAST CAPE BRETON	1	.1	1	.4	-	-	-	-	-	-
MISAINE BANK.	1	.2	3	1.0	-	-	-	-	-	-
BANQUEREAU.	1	1.0	17	4.0	-	-	-	-	-	-
CANSO	2	3.1	39	11.0	5,000	5,000	-	-	-	-
MIDDLE GROUND	1	.1	1	.5	-	-	-	-	-	-
SOUTHEAST SABLE ISLAND BANK . . .	2	2.1	20	5.0	-	-	-	-	-	-
HORSESHOE GROUND.	5	2.2	16	7.2	1,375	400	-	375	-	4,500
EASTERN NOVA SCOTIA	7	9.1	95	31.2	1,688	6,795	-	750	-	175
EMERALD BANK.	3	.9	10	3.0	1,500	-	-	1,125	-	800
CENTRAL NOVA SCOTIA	16	56.9	543	153.2	3,699	19,145	675	3,030	-	475
EASTERN BROWNS AND LAHAVE	12	6.3	61	27.0	11,393	19,360	2,420	490	-	4,900
SOUTHERN NOVA SCOTIA.	12	15.2	136	51.2	22,713	50,328	63	505	175	7,775
WESTERN BROWNS.	28	28.1	260	169.8	263,970	329,097	59,242	35,736	4,355	23,345
WESTERN NOVA SCOTIA	19	24.3	187	111.4	103,428	98,792	98,536	36,708	2,028	49,904
SOUTHERN BAY OF FUNDY	8	9.6	68	38.2	20,627	30,285	29,548	6,468	235	17,962
NORTHERN BAY OF FUNDY	27	45.3	386	277.9	143,508	280,930	221,580	48,455	-	124,182
TOTAL	1/ 65	204.5	1,843	892.0	578,901	840,132	412,064	133,642	6,793	234,018
NEW ENGLAND (AREA XXII):										
EASTERN MAINE	28	24.8	193	136.1	110,702	166,613	141,604	23,507	747	29,339
CENTRAL MAINE	1	1.0	1	.8	-	1,875	-	-	420	625
WESTERN MAINE	42	299.7	651	350.8	303,341	459,937	77,698	48,574	72,324	217,962
EASTERN MASSACHUSETTS	314	11,339.3	11,868	5,791.8	1,311,523	1,788,846	498,786	275,761	1,538,130	992,925
INNER GROUNDS	22	28.4	85	45.7	37,966	31,190	8,142	61,785	375	10,406
WEST SIDE SOUTH CHANNEL	277	5,112.4	9,861	5,636.7	3,972,959	2,896,691	760,535	341,864	4,567,298	706,118
EAST SIDE SOUTH CHANNEL	218	1,139.8	7,601	5,312.5	2,084,083	1,248,993	340,416	337,412	1,016,503	3,122,225
NORTHERN EDGE AND NORTHEAST PEAK.	90	320.2	2,713	2,008.4	1,227,372	1,139,377	654,919	375,489	294,154	343,929
CENTRAL AND SOUTHEAST GEORGES . .	163	586.7	4,591	3,173.3	2,832,732	1,214,429	174,097	67,351	731,224	395,678
SOUTHWEST GEORGES	165	658.0	4,944	3,240.8	740,636	361,259	19,195	7,060	605,579	174,555
NANTUCKET SHOALS AND LIGHTSHIP. .	210	1,749.4	9,809	6,455.9	671,277	942,183	132,450	2,200	10,230,344	99,146
OFF NO MANS LAND.	120	711.0	1,994	1,124.9	33,603	22,145	925	-	415,420	1,440
SOUTHERN MASSACHUSETTS.	69	652.8	1,228	761.3	10,245	28,004	1,050	-	1,348,999	70
RHODE ISLAND SHORE.	21	32.0	136	69.1	1,475	1,500	-	-	111,220	-
UNCLASSIFIED.	1	1.0	9	7.0	-	-	-	-	-	-
TOTAL	1/ 650	22,656.5	55,684	34,115.1	13,337,914	10,303,042	2,809,817	1,541,003	20,932,737	6,094,418
MIDDLE ATLANTIC (AREA XXIII), OFF LONG ISLAND	102	830.0	6,406	4,701.8	12,030	6,880	1,080	85	70,615	100
GRAND TOTAL	1/ 667	23,717.0	64,302	39,776.7	13,928,845	11,150,354	3,222,961	1,674,730	21,010,145	6,328,536

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(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1966 - Continued

AREA AND SUBAREA	FLOUNDERS, ROUND - CONTINUED				HADDOCK, DRAWN			HAKE		
	FLUKE	GRAY SOLE	LEMON SOLE	YELLOW-TAIL	LARGE	SCROD	SNAPPER	RED, ROUND	WHITE, DRESSED	
									LARGE	MEDIUM
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
GULF OF ST. LAWRENCE (AREA XIX), EAST GULF OF ST. LAWRENCE	-	-	-	-	-	-	-	-	-	50
OFF NOVA SCOTIA (AREA XXI):										
BANQUEREAU.	-	-	-	-	-	500	-	-	-	-
HORSESHOE GROUND.	-	750	-	-	6,000	23,500	-	-	125	-
EASTERN NOVA SCOTIA	-	665	-	-	2,775	1,863	-	-	1,025	200
EMERALD BANK.	-	125	-	-	-	675	-	-	-	150
CENTRAL NOVA SCOTIA	-	2,570	375	-	3,497	4,937	-	-	1,172	1,300
EASTERN BROWNS AND LAHAVE	-	360	-	-	38,500	56,663	-	-	2,380	-
SOUTHERN NOVA SCOTIA.	-	2,630	113	1,570	85,908	68,217	-	-	68	20
WESTERN BROWNS.	-	1,661	3,151	10,700	715,905	836,293	-	-	1,903	645
WESTERN NOVA SCOTIA	-	9,539	500	8,100	120,806	335,010	-	-	1,235	35,005
SOUTHERN BAY OF FUNDY	-	3,052	-	1,100	116,400	296,684	-	-	3,236	8,200
NORTHERN BAY OF FUNDY	-	28,030	-	10,250	558,325	1,531,800	-	-	9,950	71,895
TOTAL	-	49,382	4,139	31,720	1,648,116	3,156,142	-	-	21,094	117,415
NEW ENGLAND (AREA XXII):										
EASTERN MAINE	-	29,109	-	3,100	191,539	582,834	-	-	14,985	22,215
CENTRAL MAINE	-	-	-	-	175	-	-	-	-	-
WESTERN MAINE	-	356,798	960	32,200	322,398	487,192	540	10,039	49,028	32,297
EASTERN MASSACHUSETTS	2,060	846,609	15,045	2,502,441	2,415,729	3,024,226	133,810	469,045	103,251	87,042
INNER GROUNDS	-	3,613	250	1,250	62,467	95,307	-	-	374	7,437
WEST SIDE SOUTH CHANNEL	315	729,792	260,154	1,483,733	8,909,058	16,471,681	33,486	336,380	85,728	149,441
EAST SIDE SOUTH CHANNEL	3,620	828,536	591,435	3,263,488	9,508,751	21,985,344	65,510	685	112,711	146,750
NORTHERN EDGE AND NORTHEAST PEAK.	7,400	85,108	135,532	273,926	3,692,691	15,425,134	11,360	1,500	43,017	52,513
CENTRAL AND SOUTHEAST GEORGES . .	1,602	75,533	479,535	9,749,681	4,725,656	10,289,170	8,415	-	3,058	6,619
SOUTHWEST GEORGES	6,713	775,180	196,111	11,557,934	2,892,877	3,327,414	11,350	-	1,528	1,700
NANTUCKET SHOALS AND LIGHTSHIP. .	88,875	675,855	283,810	24,033,576	1,253,680	3,382,876	3,600	-	4,010	3,731
OFF NO MANS LAND.	14,018	21,530	3,200	2,893,915	5,475	5,360	-	85,100	7,445	5,150
SOUTHERN MASSACHUSETTS.	117,277	200	9,165	70,565	2,300	3,525	-	-	-	20
RHODE ISLAND SHORE.	650	975	-	241,315	80	-	-	-	-	-
TOTAL	242,530	4,428,838	1,975,197	56,107,124	33,982,876	75,080,063	268,071	902,749	425,135	514,915
MIDDLE ATLANTIC (AREA XXIII), OFF LONG ISLAND	3,367	13,255	32,250	1,313,765	635	225	-	-	2,375	375
GRAND TOTAL	245,897	4,491,475	2,011,586	57,452,609	35,631,627	78,236,430	268,071	902,749	448,604	632,755

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(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1966 - Continued

AREA AND SUBAREA	HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	TILE-FISH, DRAWN	TUNA, ROUND
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
GULF OF ST. LAWRENCE (AREA XIX):									
EAST GULF OF ST. LAWRENCE	-	-	-	3,456,023	675	-	-	-	-
NORTH GULF OF ST. LAWRENCE. . . .	-	-	-	819,820	-	-	-	-	-
TOTAL	-	-	-	4,275,843	675	-	-	-	-
OFF GRAND BANKS (AREA XX), ST. PIERRE BANK	-	-	-	78,600	-	-	-	-	-
OFF NOVA SCOTIA (AREA XXI):									
MISAINE BANK.	-	-	-	26,960	-	-	-	-	-
CANSO	-	-	-	451,200	-	-	-	-	-
MIDDLE GROUND	-	-	-	16,700	-	-	-	-	-
SOUTHEAST SABLE ISLAND BANK . . .	75	-	-	278,200	-	-	-	-	-
HORSESHOE GROUND.	250	-	-	102,518	125	-	-	-	-
EASTERN NOVA SCOTIA	247	-	-	1,242,720	2,638	-	-	-	-
EMERALD BANK.	355	-	-	162,408	750	-	-	-	-
CENTRAL NOVA SCOTIA	940	-	-	6,054,272	11,949	-	-	-	-
EASTERN BROWNS AND LAHAVE	-	-	-	438,950	29,933	-	-	-	-
SOUTHERN NOVA SCOTIA.	348	-	-	1,003,720	2,335	-	-	-	-
WESTERN BROWNS.	1,346	-	-	3,200	213,217	-	-	-	-
WESTERN NOVA SCOTIA	446	-	-	19,785	679,320	-	-	-	-
SOUTHERN BAY OF FUNDY	790	-	-	8,080	32,400	-	-	-	-
NORTHERN BAY OF FUNDY	1,854	-	-	32,820	229,965	-	-	-	-
TOTAL	6,651	-	-	9,841,533	1,202,632	-	-	-	-
NEW ENGLAND (AREA XXII):									
EASTERN MAINE	1,689	-	-	56,010	49,075	-	-	-	-
WESTERN MAINE	4,334	-	-	99,704	246,831	-	-	-	-
EASTERN MASSACHUSETTS	41,868	2,452,555	175	407,365	742,983	-	-	1,000	345,864
INNER GROUNDS	965	-	-	10,156	50,812	-	-	-	-
WEST SIDE SOUTH CHANNEL	53,849	16,035	-	1,055,627	860,977	100	-	-	-
EAST SIDE SOUTH CHANNEL	30,360	-	-	515,078	2,002,292	-	-	1,810	-
NORTHERN EDGE AND NORTHEAST PEAK.	12,844	-	-	110,582	878,425	-	-	-	-
CENTRAL AND SOUTHEAST GEORGES . .	11,848	-	-	1,900	307,960	-	18,938	-	3,831
SOUTHWEST GEORGES	5,076	-	-	13,400	54,090	-	162,450	6,250	4,417
NANTUCKET SHOALS AND LIGHTSHIP. .	4,457	2,300	-	1,425	132,336	2,100	32,135	12,415	-
OFF NO MANS LAND.	-	-	-	100	100,390	5,065	16,413	2,850	1,504,364
SOUTHERN MASSACHUSETTS.	-	59,392	2,550	-	4,809	418,307	-	-	1,181
TOTAL	167,290	2,530,282	2,725	2,271,347	5,430,980	425,572	229,936	24,325	1,859,657
MIDDLE ATLANTIC (AREA XXIII), OFF LONG ISLAND	-	-	-	-	90,000	60	258,423	1,090	9,801
GRAND TOTAL	173,941	2,530,282	2,725	16,467,323	6,724,287	425,632	488,359	25,415	1,869,458

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(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1966 - Continued

AREA AND SUBAREA	WHITING		WOLF-FISH, DRAWN	UNCLASSIFIED		OTHFR SPECIES	SEA SCALLOP MEATS	TOTA.
	ROUND	DRESSED		FOR FOOD	FOR INDUS-TRIAL USE			
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
GULF OF ST. LAWRENCE (AREA XIX):								
EAST GULF OF ST. LAWRENCE	-	-	50	-	-	-	-	3,457,098
NORTH GULF OF ST. LAWRENCE. . . .	-	-	-	-	-	-	-	819,820
TOTAL	-	-	50	-	-	-	-	4,276,918
OFF GRAND BANKS (AREA XX), ST. PIERRE BANK	-	-	-	-	-	-	-	78,600
OFF NOVA SCOTIA (AREA XXI):								
MISAINE BANK.	-	-	-	3,000	-	-	-	29,960
BANQUEREAU.	-	-	2,500	-	-	-	-	3,000
CANSO	-	-	-	-	-	-	-	461,200
MIDDLE GROUND	-	-	-	-	-	-	-	16,700
SOUTHEAST SABLE ISLAND BANK . . .	-	-	-	1,000	-	-	-	279,275
HORSESHOE GROUND.	-	-	-	9,450	-	-	-	149,368
EASTERN NOVA SCOTIA	-	-	1,725	3,300	-	-	-	1,266,566
EMERALD BANK.	-	-	-	-	-	-	-	167,888
CENTRAL NOVA SCOTIA	-	-	925	60,900	-	-	-	6,169,861
EASTERN BROWNS AND LAHAVE	-	-	-	7,700	-	-	-	613,049
SOUTHERN NOVA SCOTIA.	-	-	8,995	8,500	-	-	-	1,263,983
WESTERN BROWNS.	1,600	-	23,320	-	-	-	-	2,528,686
WESTERN NOVA SCOTIA	-	-	2,590	-	-	-	-	1,601,732
SOUTHERN BAY OF FUNDY	-	-	875	-	-	-	-	575,942
NORTHERN BAY OF FUNDY	-	100	4,790	5,000	-	-	-	3,303,434
TOTAL	1,600	100	45,720	98,850	-	-	-	18,430,644
NEW ENGLAND (AREA XXII):								
EASTERN MAINE	-	-	2,035	-	-	-	-	1,425,103
CENTRAL MAINE	-	-	-	3,875	-	-	-	6,970
WESTERN MAINE	5,685,775	-	12,080	81,295	116,390	11,883	-	8,729,580
EASTERN MASSACHUSETTS	11,757,179	70,810	128,552	6,880,306	1,461,300	12,590,727	2,165	52,888,078
INNER GROUNDS	-	-	2,310	12,550	-	35	-	397,390
WEST SIDE SOUTH CHANNEL	23,718,173	118,275	98,523	86,800	1,291,030	154,201	84,133	69,242,956
EAST SIDE SOUTH CHANNEL	3,075,655	300	53,762	76,770	990	171,705	995,090	51,580,274
NORTHERN EDGE AND NORTHEAST PEAK.	7,900	-	21,432	10,040	-	44,009	206,184	25,054,837
CENTRAL AND SOUTHEAST GEORGES . .	-	-	23,605	6,800	-	161,054	41,925	31,332,641
SOUTHWEST GEORGES	9,000	-	4,400	2,800	-	735,729	52,280	21,728,983
NANTUCKET SHOALS AND LIGHTSHIP. .	1,363,490	-	11,518	-	4,203,826	507,274	455,329	48,536,218
OFF NO MANS LAND.	4,183,330	475,125	125	1,195	16,199,657	61,501	11,891	26,076,732
SOUTHERN MASSACHUSETTS.	-	-	125	6,250	26,300	492,421	-	2,602,755
RHODE ISLAND SHORE.	-	-	-	-	-	-	5,667	362,882
UNCLASSIFIED.	-	-	-	-	-	-	20,726	20,726
TOTAL	49,800,502	664,510	358,467	7,168,681	23,299,493	14,930,539	1,875,390	339,986,125
MIDDLE ATLANTIC (AREA XXIII), OFF LONG ISLAND	525,000	30,000	70	-	1,844,620	27,025	8,937,933	13,181,059
GRAND TOTAL	50,327,102	694,610	404,307	7,267,531	25,144,113	14,957,564	10,813,323	375,953,346

SEE NOTE ON PAGE 192.

SECTION 3 - MIDDLE ATLANTIC FISHERIES

Commercial landings of fish and shellfish in the Middle Atlantic States (New York, New Jersey, and Delaware) in 1966 were 167.9 million pounds worth $21.6 million--a decline of 188.0 million pounds (53 percent) and $3.1 million (13 percent) compared with 1965. The principal cause for the decline in volume was the decreased menhaden landings. Landings of scup, sea scallops, and industrial fish were also reduced. It was the lowest catch since 1932 and the third lowest since 1880 for the Middle Atlantic area.

New Jersey led in volume of landings with 59 percent, followed by New York and Delaware with 38 and 3 percent, respectively.

New York led in value with 52 percent, followed by New Jersey with 46 percent, and Delaware, 2 percent.

Fishermen and vessels. The Middle Atlantic States had 8,686 commercial fishermen--153 less than in 1965. The decrease in number was principally due to fewer transient sea scallopers landing in the area.

Commercial fishing craft consisted of 565 vessels (5 net tons or more), 4,176 motor boats, and 327 other boats--an increase of 151 motor boats but a decline of 13 vessels and 13 other boats.

Menhaden. The landings of 22.0 million pounds of menhaden were 85 percent less than in 1965 and the lowest since before the turn of the century when records were first kept. Four of the five plants in the area were active at the beginning of the season, but one closed by mid-July. The plants, which are capable of handling nearly a billion pounds of fish in a year, received other industrial fish for processing but it became apparent that neither menhaden nor other industrial fish were sufficiently abundant to ensure profitable operation. Most of the 24 vessels that started the season spent the summer tied to the dock.

Industrial fishery. Landings of industrial fish other than menhaden were 39.8 million pounds--a decline of 55 percent compared with the previous year. Of this amount, menhaden purse seiners landed 10.9 million pounds of alewives and sea herring. The remainder of the catch was taken by otter trawlers. When the plant at Point Judith, R.I., reopened, many of the boats that had been landing in New York State returned to that port.

Red hake, the staple of the otter-trawl industrial fishery, was in short supply in 1966. Russian fishing vessels found large schools of hake along the Continental Shelf during the winter and caught them until early spring, when the fish migrated inshore where United States vessels usually fish them. Apparently, red hake schools are dense during the winter so that the Russians were quite effective in reducing the population.

Scup. Scup landings of 8.4 million pounds were about 50 percent less than in 1965, and the lowest production since 1940. The value, however, ($1.2 million) declined only 25 percent compared with the previous year. A brisk market demand for scup, together with reduced landings, caused the average price per pound to increase from 10 cents in 1965 to 15 cents in 1966. The reason for the decline in landings is not known; however, the decrease caused concern because scup is a mainstay of the commercial foodfish industry in the Middle Atlantic area.

Sea bass. Sea bass landings of 1.2 million pounds were less than half the 1965 production and the smallest catch on record. The fishery for sea bass has never been large; landings were a record 10.9 million pounds in 1952, and from that time on declined almost every year. Value of the catch was $248,000--$180,000 less than in 1965; however, the average price per pound in 1966 was 21 cents--4 cents more than 1965.

Shad. Landings of shad continued to decline in 1966, with landings of only 379,000 pounds--the lowest landings on record. More fish could have been landed, but lack of sufficient market demand caused fishermen to curtail effort and reduce landings. The early runs in Southern States were shipped to Fulton Market in New York City--without doubt decreasing the demand for shad taken in the Middle Atlantic region later in the season. The problem is not entirely one of reduced landings, because total Fulton Market receipts of shad were 24 percent less than in 1965.

The decline of this old fishery may be traced to such factors as reduced fishing effort and less demand for this species. The fact that most regular fishermen are not being replaced as they retire may also contribute to the decline.

Surf clams. The upward trend in landings of surf clam meats reached a record of 45.0 million pounds--1.2 million (3 percent) more than in 1965. For the first time, landings of surf clam meats exceeded those of any other fish or shellfish in the Middle Atlantic area--including menhaden, the usual volume leader. Ninety-six percent of the catch was landed in New Jersey.

The value of the catch, $3.9 million, increased 22 percent compared with the previous year. The price of surf clams to the processors was nearly 20 percent more than in 1965, because of the increased cost of harvesting.

Most vessels used in the fishery are company owned, and each vessel is assigned a daily catch quota. Costs mounted because it took the vessel operators longer than in 1965 to obtain their quota--even though the processors accepted smaller clams than formerly. The trend in the surf clam fishery is toward larger vessels that can operate under adverse conditions more safely and economically than in the past.

Hard clams. Landings of 9.5 million pounds of hard clam meats worth $7.2 million increased 16 percent in volume and 15 percent in value, compared with the previous year. Hard clams led in value of landings in the Middle Atlantic States; and production was the largest since 1952. The gain resulted principally from several factors: continuing abundance in regular areas, an increase in clam population in previously depleted areas, the reopening of formerly polluted areas, and a clam transplant program (from polluted to clean waters) in New York.

Sea scallops. Landings of 2.5 million pounds of sea scallop meats valued at $1.2 million declined 47 percent and 61 percent, respectively, compared with the record-breaking production and value of the previous year. The average price per pound, which reached 63 cents in 1965, dropped to 47 cents in early 1966.

Bay scallops. The 492,000-pound landings of bay scallop meats declined 50 percent compared with 1965, principally because this species has almost disappeared in New York. Purchases increased at Fulton Market, New York City, however, because of shipments from North Carolina of about 1.0 million pounds of meats--nearly double those of the previous year. New Jersey fishermen had an improved season as landings increased more than 80 percent over 1965. This increased production, while insufficient to satisfy the demand of the New York market, did attract a number of buyers who purchased scallops in the shell and shipped them to Long Island for shucking.

Oysters. Oyster meat production of 917,000 pounds during 1966 was an increase of 21 percent over the record low of 1965; however, the 1966 landings are the second lowest recorded. Improvement in oyster production is not expected within the next few seasons. The oyster harvest was insufficient for full operation of the shucking houses. Shuckers were at a premium, despite record high wages.

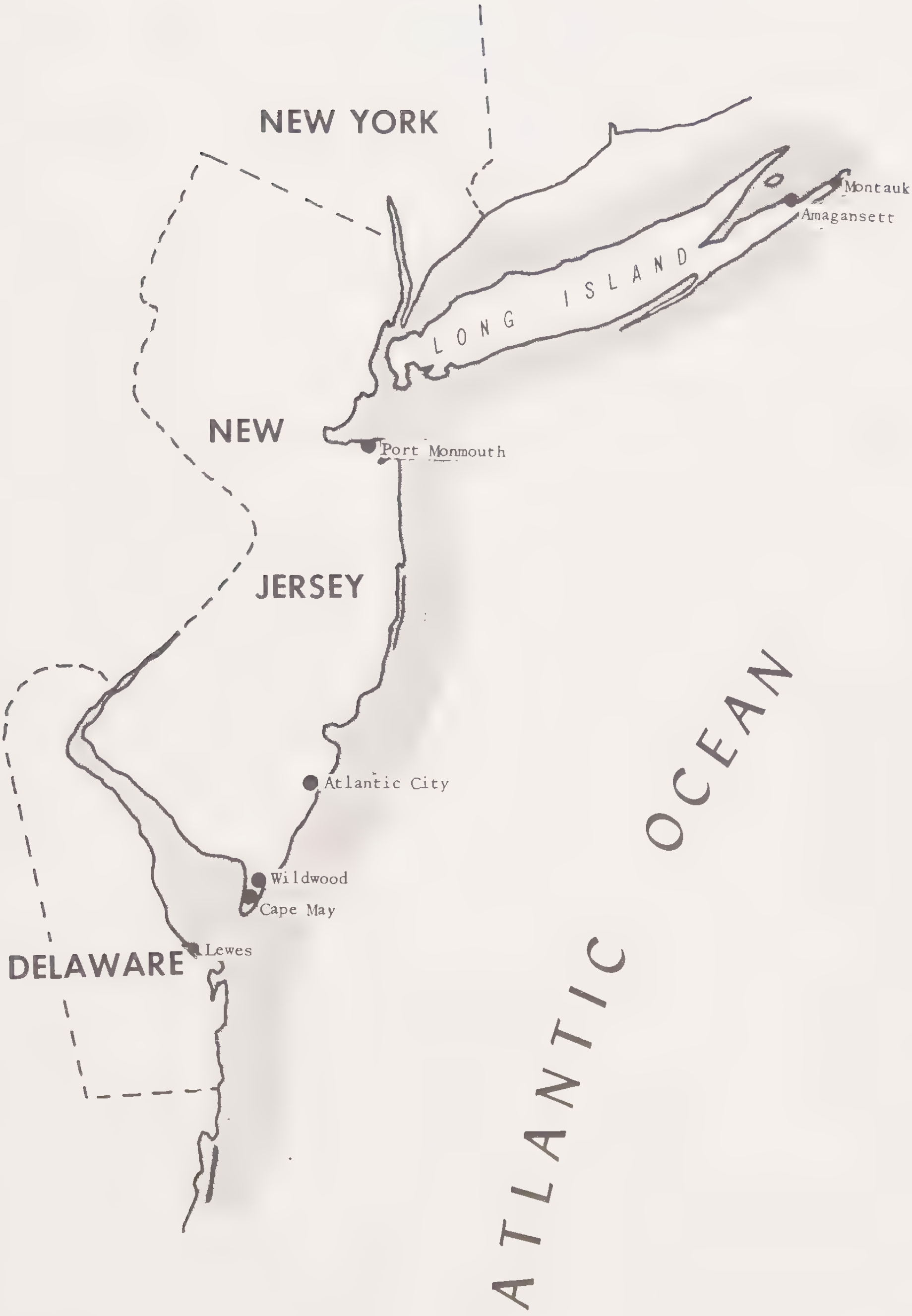
Fulton Market, New York City. Receipts of fresh and frozen fish and shellfish (including 3.7 million pounds landed by fishing craft) at Fulton Fish Market were 166.6 million pounds--6.8 million less than in 1965 and 2.5 million pounds less than the average for the past 10 years. Shellfish receipts of 39.3 million pounds declined 1.3 million; fish receipts, 127.3 million, declined 5.5 million pounds. Receipts of scup declined (down 3.7 million pounds) as did yellowtail flounders (down 1.7 million pounds). Receipts of scup, the principal fish, declined 51 percent, and receipts of sea scallops, the major shellfish, declined 27 percent compared with the previous year.

New York District Imports. Imports recorded by the New York Customs District increased from 231 million pounds in 1965 to 257 million pounds in 1966. Principal gains registered by category were in canned fish, up 19 million (32 percent), cured fishery products up 6.4 million (40 percent) and fillets and steaks, up 5.4 million (32 percent). If individual species changes are examined, it will be seen that canned tuna pet food topped the list with a 9-million-pound increase followed by cured herring up 6.8 million, frozen shrimp up 5.8 million, and canned sardines up 5.7 million. At the other end of the scale, byproducts were down 4.9 million pounds (most of the loss was in whale oil), and miscellaneous frozen shellfish decreased 3.3 million pounds (spiny lobster tails made up most of the loss).

Further information. Condensed summary data on the operating units and catch, by States, appearing on the following pages have been previously published in Current Fishery Statistics 4582. Additional data may be found in the New York and New Jersey monthly and annual landing bulletins published in the Current Fishery Statistics Series by the Branch of Fishery Statistics in cooperation with the respective States. Information on daily, monthly, and annual production of fishery products in selected areas of these States is available in reports published by the Bureau's Fishery Market News Service at New York City.

Acknowledgments. The Bureau acknowledges the assistance of the following organizations in the collection of the data appearing in this section: New York Conservation Department, Marine Fisheries Division, and Division of Fish and Game; New Jersey Conservation Department, Division of Fish and Game, New Jersey Shellfish Commission; State of Delaware, Commission of Shellfisheries.

MIDDLE ATLANTIC FISHERIES



MIDDLE ATLANTIC STATES

MIDDLE ATLANTIC FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1966

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW YORK	51	3	13	9	64	12
NEW JERSEY	48	3	50	7	98	10
DELAWARE	5	(1)	1	(1)	6	(1)
TOTAL	104	6	64	16	168	22

1/ LESS THAN $500,000.

SUMMARY OF OPERATING UNITS, 1966

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	895	1,747	113	2,532
ON BOATS AND SHORE:				
REGULAR	1,075	613	107	1,795
CASUAL	3,062	1,068	229	4,359
TOTAL	5,032	3,428	449	8,686
VESSELS, MOTOR	241	350	15	565
GROSS TONNAGE	11,389	20,018	1,232	29,521
BOATS:				
MOTOR	2,538	1,377	261	4,176
OTHER	121	204	2	327
GEAR:				
HAUL SEINES, COMMON	34	17	1	52
LENGTH, YARDS	8,315	2,933	550	11,798
STOP SEINES	-	2	-	2
LENGTH, YARDS	-	600	-	600
PURSE SEINES:				
HERRING	4	-	-	4
LENGTH, YARDS	1,608	-	-	1,608
MENHADEN	5	14	5	24
LENGTH, YARDS	2,180	5,440	2,000	9,620
TUNA	-	4	-	4
LENGTH, YARDS	-	2,900	-	2,900
OTHER	-	5	-	5
LENGTH, YARDS	-	1,900	-	1,900
OTTER TRAWLS:				
FISH	167	160	2	303
YARDS AT MOUTH	3,868	3,809	40	7,035
LOBSTER	11	26	-	37
YARDS AT MOUTH	320	714	-	1,034
WEIRS	-	6	-	6
POUND NETS, FISH	80	28	-	108
FYKE AND HOOP NETS:				
FISH	38	43	57	138
TURTLE	-	-	45	45
POTS AND TRAPS:				
CRAB	-	3,174	1,685	4,859
EEL	715	755	110	1,580
FISH	2,700	18,000	-	20,700
LOBSTER	13,030	1,875	-	14,905
TURTLE	-	145	-	145
GILL NETS:				
ANCHOR, SET OR STAKE	42	51	47	140
SQUARE YARDS	68,593	71,679	60,550	200,822
DRIFT:				
SHAD	23	13	9	45
SQUARE YARDS	75,270	22,061	10,530	107,861
OTHER	-	47	4	50
SQUARE YARDS	-	387,299	40,100	418,899
RUNAROUND	11	22	-	33
SQUARE YARDS	15,200	232,000	-	247,200
LINES:				
HAND	980	89	-	1,069
HOOKS	1,275	89	-	1,364

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1966 - Continued

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:				
LINES - CONTINUED:				
TROLL	-	40	-	40
HOOKS	-	40	-	40
LONG OR SET WITH HOOKS	38	9	2	48
HOOKS	20,475	15,000	4,500	38,475
HARPOONS	1	2	-	3
SPEARS	2	4	-	6
DREDGES:				
CLAM	46	84	-	130
YARDS AT MOUTH	35	107	-	142
CONCH	-	10	-	10
YARDS AT MOUTH	-	28	-	28
CRAB	-	24	9	33
YARDS AT MOUTH	-	38	18	56
MUSSEL	-	1	-	1
YARDS AT MOUTH	-	3	-	3
OYSTER, COMMON	16	54	8	78
YARDS AT MOUTH	22	54	11	87
SCALLOP:				
BAY	822	215	-	1,037
YARDS AT MOUTH	822	180	-	1,002
SEA	41	70	-	91
YARDS AT MOUTH	145	223	-	303
TONGS:				
OYSTER	6	100	3	109
OTHER	2,110	977	108	3,195
RAKES	1,365	633	180	2,178
HOES	-	37	-	37

LANDINGS BY STATES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	4,188	63	12	(1)	-	-	4,200	63
ANGLERFISH	32	1	-	-	-	-	32	1
BLUEFISH	933	125	1,008	153	1	(1)	1,942	278
BONITO	2	(1)	17	3	-	-	19	3
BUTTERFISH	593	65	1,475	115	4	1	2,072	181
CARP	7	(1)	109	7	5	1	121	8
CATFISH	4	(1)	15	1	(1)	(1)	19	1
COD	247	36	16	3	15	3	278	42
DRUM, BLACK	-	-	3	(1)	-	-	3	(1)
EELS:								
COMMON	170	33	144	25	32	5	346	63
CONGER	6	(1)	1	(1)	-	-	7	(1)
FLOUNDERS:								
BLACKBACK	3,259	191	438	22	50	4	3,747	217
FLUKE	2,466	586	3,830	893	13	3	6,309	1,482
GRAY SOLE	24	3	53	4	-	-	77	7
LEMON SOLE	4	1	-	-	-	-	4	1
YELLOWTAIL	3,486	305	97	6	-	-	3.583	311
TOTAL FLOUNDERS	9,239	1,086	4,418	925	63	7	13,720	2.018
GRUNTS	-	-	2	(1)	-	-	2	(1)
HADDOCK	22	3	2	(1)	-	-	24	3
HAKE:								
RED	397	12	872	33	(1)	(1)	1,269	45
WHITE	(1)	(1)	48	3	-	-	48	3
HERRING, SEA	6,407	102	300	7	5	(1)	6,712	109
KING WHITING OR "KINGFISH"	6	1	15	1	2	(1)	23	2
MACKEREL	400	27	547	55	28	7	975	89
MENHADEN	4,870	82	12,915	264	4.231	53	22,016	399
MULLET	-	-	21	4	-	-	21	4
PILOTFISH	-	-	(1)	(1)	-	-	(1)	(1)
POLLOCK	1	(1)	1	(1)	-	-	2	(1)
SCUP OR PORGY	4,077	637	4,338	588	-	-	8,415	1,225
SEA BASS	221	59	961	189	-	-	1,182	248
SEA ROBIN	41	2	190	2	-	-	231	4
SEA TROUT OR WEAKFISH, GRAY	26	5	344	23	90	9	460	37
SHAD	81	11	242	22	56	9	379	42

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC FISHERIES

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHARKS:								
GRAYFISH	180	8	3	(1)	(1)	(1)	183	8
UNCLASSIFIED . .	1	(1)	32	1	-	-	33	1
TOTAL SHARKS.	181	8	35	1	(1)	(1)	216	9
SILVERSIDES. . . .	176	29	-	-	-	-	176	29
SKATES	20	1	-	-	-	-	20	1
SPANISH MACKEREL .	-	-	(1)	(1)	-	-	(1)	(1)
STRIPED BASS . . .	1,050	193	315	76	64	13	1,429	282
STURGEON, COMMON .	16	4	14	2	2	(1)	32	6
SUCKERS.	1	(1)	-	-	-	-	1	(1)
SWELLFISH.	226	11	36	1	3	(1)	265	12
SWORDFISH.	83	35	253	120	-	-	336	155
TAUTOG	76	4	18	1	-	-	94	5
TILEFISH	121	17	6	1	-	-	127	18
TUNA:								
BLUEFIN.	2	(1)	521	45	-	-	523	45
LITTLE	30	4	1	(1)	-	-	31	4
SKIPJACK	-	-	23	2	-	-	23	2
TOTAL TUNA. .	32	4	545	47	-	-	577	51
WHITE PERCH. . . .	61	9	156	26	39	5	256	40
WHITING.	2,008	89	4,520	255	-	-	6,528	344
UNCLASSIFIED:								
FOR FOOD	357	36	56	3	-	-	413	39
BAIT, REDUCTION, AND ANIMAL FOOD	14,300	122	14,567	143	-	-	28,867	265
TOTAL FISH. .	50,678	2,912	48,537	3,099	4,640	113	103,855	6,124
SHELLFISH, ETC.								
CRABS:								
BLUE:								
HARD	-	-	684	92	571	49	1,255	141
SOFT AND PEELER. . . .	-	-	4	1	(1)	(1)	4	1
ROCK	-	-	71	3	-	-	71	3
TOTAL CRABS .	-	-	759	96	571	49	1,330	145
HORSESHOE CRABS. .	-	-	133	1	-	-	133	1
LOBSTERS, NORTHERN	730	613	764	514	-	-	1,494	1,127
CLAMS:								
HARD:								
PUBLIC	4,168	3,985	2,673	1,223	264	140	7,105	5,348
PRIVATE. . . .	2,413	1,803	2	1	-	-	2,415	1,804
RAZOR.	2	1	-	-	-	-	2	1
SOFT, PUBLIC . .	282	86	77	32	-	-	359	118
SURF	1,840	148	43,174	3,714	-	-	45,014	3,862
TOTAL CLAMS .	8,705	6,023	45,926	4,970	264	140	54,895	11,133
CONCHS	25	6	372	100	-	-	397	106
MUSSELS, SEA . . .	115	18	18	5	-	-	133	23
OYSTERS, MARKET:								
PUBLIC:								
SPRING	2	3	13	15	-	-	15	18
FALL	2	2	24	24	1	2	27	28
PRIVATE:								
SPRING	96	181	34	46	10	8	140	235
FALL	77	149	624	711	34	27	735	887
TOTAL OYSTERS	177	335	695	796	45	37	917	1,168
SCALLOPS:								
BAY.	317	323	175	85	-	-	492	408
SEA.	2,128	1,009	400	177	-	-	2,528	1,186
TOTAL SCALLOPS . .	2,445	1,332	575	262	-	-	3,020	1,594
SQUID.	1,238	110	419	31	-	-	1,657	141
TERRAPIN	-	-	6	2	-	-	6	2
TURTLES:								
LOGGERHEAD . . .	-	-	(1)	(1)	-	-	(1)	(1)
SNAPPER.	-	-	67	10	6	2	73	12
UNCLASSIFIED . .	-	-	2	(1)	-	-	2	(1)
TOTAL SHELLFISH, ETC. .	13,435	8,437	49,736	6,787	886	228	64,057	15,452
GRAND TOTAL .	64,113	11,349	98,273	9,886	5,526	341	167,912	21,576

1/ LESS THAN 500 POUNDS OR $500. NOTE:--STATISTICS ON THE LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, MUSSELS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

LANDINGS OF CERTAIN SHELLFISH, 1966

(NUMBER AND BUSHELS)

SPECIES		NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:									
BLUE:									
HARD.	NUMBER	-	-	1,641,600	$91,755	1,370,400	$49,417	3,012,000	$141,172
SOFT AND PEELER . .	DO	-	-	13,030	818	1,200	130	14,230	948
ROCK.	DO	-	-	211,800	2,752	-	-	211,800	2,752
CLAMS:									
HARD:	U. S. STANDARD BUSHELS								
PUBLIC.		347,358	$3,985,143	267,350	1,223,354	33,012	140,280	647,720	5,348,777
PRIVATE	DO	201,058	1,803,237	160	640	-	-	201,218	1,803,877
RAZOR	DO	112	684	-	-	-	-	112	684
SOFT, PUBLIC.	DO	17,650	85,666	6,408	32,045	-	-	24,058	117,711
SURF.	DO	108,241	148,008	2,539,635	3,714,101	-	-	2,647,876	3,862,109
CONCHS.	DO	1,569	6,341	18,600	100,044	-	-	20,169	106,385
MUSSELS, SEA.	DO	11,490	17,793	1,810	4,550	-	-	13,300	22,343
OYSTERS, MARKET:									
PUBLIC:									
SPRING.	DO	293	2,852	2,346	15,375	-	-	2,639	18,227
FALL.	DO	240	2,328	5,174	23,972	143	1,518	5,557	27,818
PRIVATE:									
SPRING.	DO	12,787	181,254	5,366	45,978	1,492	7,500	19,645	234,732
FALL.	DO	10,227	149,341	102,566	710,801	5,292	26,500	118,085	886,642
SCALLOPS:									
BAY	DO	52,900	323,362	26,862	85,314	-	-	79,762	408,676
SEA	DO	354,600	1,008,637	66,733	177,341	-	-	421,333	1,185,978

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1966

SPECIES		NEW YORK	NEW JERSEY	DELAWARE
		QUANTITY	QUANTITY	QUANTITY
CRABS:				
BLUE:				
HARD.	NUMBER PER POUND	-	2.40	2.40
SOFT AND PEELER . .	DO	-	3.43	4.00
ROCK.	DO	-	3.00	-
CLAMS:				
HARD:	LBS. MEATS PER U.S. STANDARD BUSHEL			
PUBLIC.		12.00	10.00	8.00
PRIVATE	DO	12.00	10.00	-
RAZOR	DO	16.00	-	-
SOFT, PUBLIC.	DO	16.00	12.00	-
SURF.	DO	17.00	17.00	-
CONCHS.	DO	16.00	20.00	-
MUSSELS, SEA.	DO	10.00	10.00	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING.	DO	7.50	5.67	-
FALL.	DO	7.50	4.60	7.00
PRIVATE:				
SPRING.	DO	7.50	6.28	6.50
FALL.	DO	7.50	6.08	6.50
SCALLOPS:				
BAY	DO	6.00	6.50	-
SEA	DO	6.00	6.00	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

PROCESSED FISHERY PRODUCTS, 1966

ITEM		NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:							
MEAL AND SCRAP.	TONS	(1)	(1)	-	-	-	-
OIL	1,000 POUNDS	(1)	(1)	-	-	-	-
SOLUBLES.	TONS	(1)	(1)	-	-	-	-
ANCHOVY PASTE, CANNED . . .	STANDARD CASES	(1)	(1)	-	-	-	-
BUFFALOFISH, SMOKED	POUNDS	18,500	$17,000	-	-	-	-
BUTTERFISH, SMOKED.	DO	26,500	20,900	-	-	-	-
CARP, SMOKED.	DO	(1)	(1)	(1)	(1)	-	-
CHUBS, SMOKED	DO	2,890,000	2,120,750	(1)	(1)	-	-
COD:							
FILLETS, FRESH.	DO	1,738,910	973,570	451,700	$193,620	-	-
SPECIALTIES, CAKES:							
FRESH AND FROZEN (BREADED AND COOKED) .	DO	(1)	(1)	(1)	(1)	1,597,715	$605,163
CANNED.	STANDARD CASES	-	-	(1)	(1)	-	-
SALTED.	POUNDS	(1)	(1)	(1)	(1)	-	-
SMOKED.	DO	(1)	(1)	-	-	-	-
EELS, SMOKED.	DO	105,000	99,350	(1)	(1)	-	-
FLOUNDERS:							
FILLETS:							
FRESH AND FROZEN. . . .	DO	3,570,372	2,385,038	675,100	427,052	(2)	(2)
BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)	(1)	(1)	-	-
SPECIALTIES, FROZEN (BREADED WHOLE, STUFFED)	DO	-	-	(1)	(1)	-	-
HADDOCK:							
FILLETS:							
FRESH	DO	848,040	496,073	(3)	(3)	-	-
BREADED AND COOKED, FROZEN	DO	(1)	(1)	-	-	-	-
SPECIALTIES, FROZEN (STUFFED, BREADED AND COOKED).	DO	(1)	(1)	-	-	-	-
SMOKED (FINNAN HADDIE). .	DO	(1)	(1)	-	-	-	-
HAKE FILLETS, FRESH	DO	12,000	4,500	-	-	-	-
HERRING, SEA:							
SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCE)	DO	873,525	470,395	-	-	-	-
SALTED AND PICKLED. . . .	DO	(1)	(1)	-	-	(1)	(1)
SMOKED.	DO	49,501	15,872	-	-	-	-
MEAL AND SCRAP.	TONS	(1)	(1)	-	-	-	-
OIL	1,000 POUNDS	(1)	(1)	-	-	-	-
SOLUBLES.	TONS	(1)	(1)	-	-	-	-
LUMPFISH CAVIAR, CANNED . .	STANDARD CASES	(1)	(1)	-	-	-	-
MACKEREL:							
SALTED (FILLETS).	POUNDS	-	-	-	-	(1)	(1)
SMOKED.	DO	41,000	14,900	-	-	-	-
MENHADEN:							
MEAL AND SCRAP.	TONS	(1)	(1)	(1)	(1)	(1)	(1)
OIL	1,000 POUNDS	(1)	(1)	(1)	(1)	(1)	(1)
SOLUBLES.	TONS	(1)	(1)	(1)	(1)	(1)	(1)
POLLOCK:							
FILLETS, FRESH.	POUNDS	(1)	(1)	-	-	-	-
OIL, LIVER.	1,000 POUNDS	(1)	(1)	-	-	-	-
SABLEFISH, SMOKED	POUNDS	1,695,000	1,282,250	(1)	(1)	-	-
SALMON:							
CAVIAR, CANNED.	STANDARD CASES	6,052	609,442	-	-	-	-
SMOKED.	POUNDS	7,715,500	12,792,650	(1)	(1)	(1)	(1)
SHAD, SMOKED.	DO	25,000	8,125	-	-	-	-
SHARKS:							
FINS.	-	-	-	-	(1)	-	-
LEATHERS.	-	-	-	-	(1)	-	-
STURGEON:							
CAVIAR, CANNED.	STANDARD CASES	(1)	(1)	-	-	-	-
SMOKED.	POUNDS	1,127,000	2,165,250	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
TUNA:							
SPECIALTIES:							
FROZEN (PIES AND WITH NOODLES)	POUNDS	(1)	(1)	-	-	-	-
CANNED (WITH NOODLES)	STANDARD CASES	-	-	-	-	(1)	(1)
SMOKED	POUNDS	-	-	(1)	(1)	-	-
OIL, LIVER	1,000 POUNDS	(1)	(1)	-	-	-	-
WHITEFISH:							
CANNED:							
FISH	STANDARD CASES	-	-	(1)	(1)	-	-
CAVIAR	DO	1,892	$155,052	-	-	-	-
SMOKED	POUNDS	1,278,500	1,228,900	(1)	(1)	-	-
WHITING:							
FILLETS, FRESH	DO	(1)	(1)	-	-	-	-
SMOKED	DO	205,000	74.750	77,400	$38,050	-	-
CRABS, BLUE:	DO						
SPECIALTIES:							
FROZEN (CAKES, CUTLETS, PATTIES, DEVILED, ETC.)	DO	(1)	(1)	323,585	217,249	4,442,945	$2,945,664
CANNED (BISQUE AND NEWBURGS)	STANDARD CASES	-	-	(1)	(1)	(1)	(1)
MEAL AND SCRAP	TONS	-	-	(1)	(1)	-	-
LOBSTERS, NORTHERN:							
FRESH, COOKED MEAT	POUNDS	-	-	(1)	(1)	-	-
SPECIALTIES:							
FROZEN (LOBSTERETTES)	DO	-	-	-	-	(1)	(1)
CANNED (BISQUE, NEWBURGS, CHOWDERS, ETC.)	STANDARD CASES	-	-	(1)	(1)	(1)	(1)
SHRIMP:							
FROZEN:							
MEAT, COOKED, PEELED AND DEVEINED	POUNDS	-	-	(1)	(1)	-	-
BREADED, RAW AND COOKED	DO	(1)	(1)	(1)	(1)	(1)	(1)
SPECIALTIES:							
FRESH COCKTAILS (REFRIGERATED)	DO	(1)	(1)	(1)	(1)	(1)	(1)
FROZEN (DINNERS, CREOLES, BURGERS, IN SAUCE, ETC.)	DO	503,738	513,099	(1)	(1)	-	-
CANNED (BISQUE, CHOWDERS, CREOLES, ETC.)	STANDARD CASES	-	-	(1)	(1)	(1)	(1)
CLAMS, SURF AND HARD:							
FRESH AND FROZEN:							
SHUCKED	GALLONS	776,944	2,093,860	1,334,450	2,940,975	9,850	59,100
SPECIALTIES:							
BREADED, RAW AND COOKED	POUNDS	-	-	(1)	(1)	(1)	(1)
OTHER (CAKES, PATTIES, TANGS, ETC.)	DO	1,059,157	472,769	(1)	(1)	847,147	447,913
CANNED:							
WHOLE AND MINCED	STANDARD CASES	(1)	(1)	375,302	4,647,005	(1)	(1)
CHOWDER AND JUICE	DO	(1)	(1)	850,961	5,092,267	299,714	2,114,107
SPECIALTIES (BISQUE, IN SHELL AND IN SAUCE)	DO	(1)	(1)	(1)	(1)	(1)	(1)
CONCH MEAT:							
FRESH AND FROZEN:							
NATURAL	POUNDS	(1)	(1)	(1)	(1)	-	-
IN TOMATO SAUCE	DO	(1)	(1)	-	-	-	-
CANNED	STANDARD CASES	(1)	(1)	(1)	(1)	(1)	(1)
MUSSELS, SEA:							
SPECIALTIES, FROZEN (IN TOMATO SAUCE)	POUNDS	-	-	(1)	(1)	-	-
CANNED (WHOLE AND BISQUE)	STANDARD CASES	(1)	(1)	(1)	(1)	-	-
OYSTERS:							
FRESH AND FROZEN:							
SHUCKED	GALLONS	-	-	77,167	848,837	63,078	801,881
BREADED, RAW AND COOKED	POUNDS	-	-	423,109	455,677	617,702	492,202
SPECIALTIES:							
FROZEN (PIES AND STEWS)	DO	-	-	-	-	440,602	186,428
CANNED (BISQUE AND STEWS)	STANDARD CASES	-	-	(1)	(1)	(1)	(1)
SHELL, GRIT AND LIME	TONS	-	-	(1)	(1)	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		NEW YORK		NEW JERSEY		PENNSYLVANIA AND DELAWARE	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SCALLOPS:							
BAY:							
SHUCKED, FRESH	GALLONS	(1)	(1)	(1)	(1)	-	-
BREADED RAW, FROZEN. .	POUNDS	-	-	(1)	(1)	-	-
SEA, BREADED, RAW AND COOKED.	DO	342,078	$299,916	197,922	$132,431	(1)	(1)
SPECIALTIES:							
FROZEN (DINNERS) . . .	DO	(1)	(1)	-	-	-	-
CANNED (IN SAUCE). . .	STANDARD CASES	-	-	(1)	(1)	-	-
SQUID:							
SPECIALTIES, FROZEN (IN TOMATO SAUCE.	POUNDS	(1)	(1)	-	-	-	-
CANNED	STANDARD CASES	-	-	(1)	(1)	-	-
TURTLE:							
STEAKS, FROZEN, RAW. . .	POUNDS	-	-	(1)	(1)	-	-
CANNED:							
MEAT	STANDARD CASES	-	-	(1)	(1)	-	-
SPECIALTIES (CHOWDERS, SOUPS, ETC.).	DO	-	-	(1)	(1)	(1)	(1)
OIL.	1,000 POUNDS	-	-	(1)	(1)	-	-
UNCLASSIFIED:							
FRESH AND FROZEN, PACKAGED FISH:							
STICKS, BREADED:							
RAW.	POUNDS	-	-	(1)	(1)	(1)	(1)
COOKED	DO	(1)	(1)	(1)	(1)	10,499,183	$4,277,172
PORTIONS:							
RAW:							
NOT BREADED. . . .	DO	(1)	(1)	(1)	(1)	568,248	229,470
BREADED.	DO	-	-	(1)	(1)	(1)	(1)
BREADED AND COOKED .	DO	(1)	(1)	(1)	(1)	10,926,306	4,191,335
FISH AND SHELLFISH . .	DO	11,621,667	7,311,618	8,092,961	7,462,155	5,403,496	3,725,501
CANNED	STANDARD CASES	301,374	4,988,445	481,406	6,603,038	237,527	3,267,397
CURED.	POUNDS	370,036	209,072	1,840,200	2,116,730	947,000	965,000
INDUSTRIAL	-	-	644,477	-	1,583,720	-	213,229
TOTAL.	-	-	41,221,155	-	32,941,854	-	24,612,562

1/ INCLUDED WITH UNCLASSIFIED ITEMS.

2/ A SMALL PRODUCTION OF FLOUNDER FILLETS PRODUCED IN PENNSYLVANIA HAS BEEN INCLUDED WITH NEW JERSEY.

3/ A SMALL PRODUCTION OF HADDOCK FILLETS PRODUCED IN NEW JERSEY HAS BEEN INCLUDED WITH NEW YORK.

NOTE:--THIS TABLE WILL NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

MIDDLE ATLANTIC FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1966

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	14,587
FROZEN	30,631
CANNED	27,477
CURED	23,640
INDUSTRIAL	2,441
TOTAL	98,776

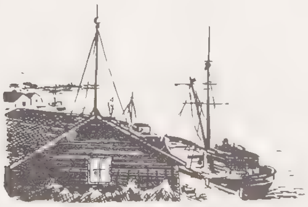
VALUE OF PROCESSED PRODUCTS, BY STATES, 1966

(THOUSANDS OF DOLLARS)

STATE	VALUE
NEW YORK	41,221
NEW JERSEY	32,942
PENNSYLVANIA	19,224
DELAWARE	5,389
TOTAL	98,776

WHOLESALING AND PROCESSING, 1966

ITEM	NEW YORK	NEW JERSEY	PENNSYLVANIA	DELWARE	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:					
ESTABLISHMENTS	325	114	49	24	512
PERSONS ENGAGED:					
AVERAGE FOR SEASON	3,294	2,269	1,113	443	7,119
AVERAGE FOR YEAR	3,083	1,920	834	385	6,222



MIDDLE ATLANTIC FISHERIES

NEW YORK

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS		POUND NETS, FISH	FYKE AND HOOP NETS, FISH
		HERRING	MENHADEN	FISH	LOBSTER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	5	59	85	420	41	12	-
ON BOATS AND SHORE:							
REGULAR	51	-	-	12	-	15	6
CASUAL	32	-	-	3	-	11	6
TOTAL	86	59	85	435	41	38	12
VESSELS, MOTOR	2	4	5	158	11	3	-
GROSS TONNAGE	22	854	1,360	6,235	820	43	-
BOATS:							
MOTOR	32	7	10	9	-	12	11
OTHER	2	-	-	-	-	8	1
GEAR:							
NUMBER	34	4	5	167	11	80	38
LENGTH, YARDS	8,315	1,608	2,180	-	-	-	-
YARDS AT MOUTH	-	-	-	3,868	320	-	-

ITEM	POTS AND TRAPS			GILL NETS		
	EEL	FISH	LOBSTER	ANCHOR, SET OR STAKE	DRIFT, SHAD	RUNAROUND
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	6	24	-	-	-
ON BOATS AND SHORE:						
REGULAR	9	-	40	11	-	12
CASUAL	7	-	77	22	46	10
TOTAL	16	6	141	33	46	22
VESSELS, MOTOR	-	3	12	-	-	-
GROSS TONNAGE	-	51	174	-	-	-
BOATS, MOTOR	15	-	92	25	23	11
GEAR:						
NUMBER	715	2,700	13,030	42	23	11
SQUARE YARDS	-	-	-	68,593	75,270	15,200

ITEM	LINES		HARPOONS, SWORDFISH	SPEARS	DREDGES	
	HAND	LONG OR SET WITH HOOKS			CLAM	OYSTER, COMMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	18	6	-	103	34
ON BOATS AND SHORE:						
REGULAR	125	12	-	2	5	2
CASUAL	855	1	-	-	-	-
TOTAL	980	31	6	2	108	36
VESSELS, MOTOR	-	7	1	-	40	9
GROSS TONNAGE	-	131	51	-	1,102	382
BOATS:						
MOTOR	475	8	-	2	2	1
OTHER	50	-	-	-	-	-
GEAR:						
NUMBER	980	38	1	2	46	16
YARDS AT MOUTH	-	-	-	-	35	22
HOOKS OR BAITS	1,275	20,475	-	-	-	-

ITEM	DREDGES - CONTINUED		TONGS		RAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	SCALLOP		OYSTER	OTHER		
	BAY	SEA				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	225	-	-	-	895
ON BOATS AND SHORE:						
REGULAR	134	-	6	720	405	1,075
CASUAL	240	-	-	1,390	960	3,062
TOTAL	374	225	6	2,110	1,365	5,032
VESSELS, MOTOR	-	21	-	-	-	241
GROSS TONNAGE	-	2,339	-	-	-	11,389
BOATS:						
MOTOR	274	-	6	1,235	1,165	2,538
OTHER	-	-	-	35	25	121
GEAR:						
NUMBER	822	41	6	2,110	1,365	-
YARDS AT MOUTH	822	145	-	-	-	-

NEW YORK - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
			HERRING		MENHADEN	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	4,186,000	$62,790	-	-
BLUEFISH	185,700	$24,896	-	-	-	-
CARP	1,500	75	-	-	-	-
CATFISH	500	75	-	-	-	-
HERRING, SEA	-	-	6,279,000	95,771	-	-
MENHADEN	-	-	-	-	4,622,900	$70,487
SCUP OR PORGY	371,000	57,972	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	5,600	1,043	-	-	-	-
SILVERSIDES	169,000	27,676	-	-	-	-
STRIPED BASS	747,500	139,850	-	-	-	-
SUCKERS	600	60	-	-	-	-
WHITE PERCH	58,000	8,983	-	-	-	-
UNCLASSIFIED, FOR FOOD	22,000	2,200	-	-	-	-
TOTAL	1,561,400	262,830	10,465,000	158,561	4,622,900	70,487

SPECIES	OTTER TRAWLS				POUND NETS, FISH		FYKE AND HOOP NETS, FISH	
	FISH		LOBSTER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	-	-	1,400	$60
ANGLERFISH	31,900	$1,356	-	-	-	-	-	-
BLUEFISH	39,600	5,309	-	-	210,500	$28,187	-	-
BONITO	1,700	245	-	-	100	18	-	-
BUTTERFISH	470,000	51,919	-	-	123,400	13,341	-	-
CARP	-	-	-	-	-	-	400	20
CATFISH	-	-	-	-	-	-	1,000	121
COD	137,600	20,250	-	-	-	-	-	-
EELS:								
COMMON	200	43	-	-	126,100	24,517	700	136
CONGER	6,300	194	-	-	-	-	-	-
FLOUNDERS:								
BLACKBACK	3,152,500	184,326	-	-	64,600	3,778	3,500	205
FLUKE	2,417,500	574,666	-	-	33,400	7,951	-	-
GRAY SOLE	24,000	2,685	-	-	-	-	-	-
LEMON SOLE	4,100	906	-	-	-	-	-	-
YELLOWTAIL	3,456,800	302,605	-	-	-	-	-	-
HADDOCK	21,500	3,054	-	-	-	-	-	-
HAKE:								
RED	393,400	11,634	-	-	100	4	-	-
WHITE	300	16	-	-	-	-	-	-
HERRING, SEA	28,600	1,358	-	-	99,400	4,716	-	-
KING WHITING OR "KINGFISH"	700	109	-	-	5,600	974	-	-
MACKEREL	123,900	2,166	-	-	83,000	7,492	-	-
MENHADEN	-	-	-	-	240,600	10,957	-	-
POLLOCK	800	86	-	-	-	-	-	-
SCUP OR PORGY	3,513,000	548,957	-	-	180,600	28,227	-	-
SEA BASS	140,100	37,404	-	-	4,100	1,112	-	-
SEA ROBIN	1,900	75	-	-	38,700	1,508	-	-
SEA TROUT OR WEAKFISH, GRAY	11,000	2,017	-	-	6,800	1,257	-	-
SHAD	1,800	187	-	-	10,900	1,120	-	-
SHARKS:								
GRAYFISH	146,000	6,262	-	-	30,500	1,306	-	-
UNCLASSIFIED	900	56	-	-	-	-	-	-
SILVERSIDES	-	-	-	-	7,200	1,179	-	-
SKATES	20,200	685	-	-	200	7	-	-
STRIPED BASS	85,100	15,915	-	-	109,500	20,483	-	-
STURGEON, COMMON	13,700	3,035	-	-	-	-	-	-
SWELLFISH	21,500	1,050	-	-	199,900	9,752	-	-
TAUTOG	39,200	1,804	-	-	37,200	1,713	-	-
TILEFISH	121,300	16,792	-	-	-	-	-	-
TUNA:								
BLUEFIN	700	77	-	-	200	21	-	-
LITTLE	14,600	1,527	-	-	15,600	2,039	-	-
WHITE PERCH	-	-	-	-	1,500	224	-	-
WHITING	1,975,900	87,580	-	-	31,800	1,409	-	-
UNCLASSIFIED:								
FOR FOOD	284,700	28,469	-	-	14,100	1,415	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	14,299,700	121,542	-	-	-	-	-	-
LOBSTERS, NORTHERN	27,100	22,816	243,200	$204,472	-	-	-	-
SQUID	1,188,300	105,342	24,800	2,200	23,900	2,118	-	-
TOTAL	32,218,100	2,164,519	268,000	206,672	1,699,500	176,825	7,000	542

(CONTINUED ON NEXT PAGE)

NEW YORK - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	POTS AND TRAPS					
	EEL		FISH		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON.	40,200	$7,746	-	-	-	-
HAKE, RED	-	-	2,000	$59	-	-
SEA BASS.	-	-	51,400	13,768	25,300	$6,780
LOBSTERS, NORTHERN.	-	-	-	-	459,400	386,193
TOTAL.	40,200	7,746	53,400	13,827	484,700	392,973

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT, SHAD		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	600	$72	-	-	-	-
BLUEFISH.	44,300	5,931	-	-	160,200	$21,445
CARP.	900	46	4,000	$200	-	-
MACKEREL.	-	-	-	-	26,000	2,347
MENHADEN.	-	-	-	-	6,600	298
SEA ROBIN	-	-	-	-	400	16
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	2,700	499
SHAD.	28,900	4,001	39,000	5,345	-	-
STRIPED BASS.	44,000	5,270	1,400	214	34,900	6,527
STURGEON, COMMON.	1,400	302	600	137	300	58
SWELLFISH	3,600	176	-	-	900	41
WHITE PERCH	1,100	136	-	-	-	-
UNCLASSIFIED, FOR FOOD. . .	4,000	400	-	-	18,100	1,810
TOTAL.	128,800	16,334	45,000	5,896	250,100	33,041

SPECIES	LINES				HARPOONS, SWORDFISH	
	HAND		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH.	292,500	$39,182	-	-	-	-
CATFISH	-	-	2,300	$232	-	-
COD	43,100	6,341	66,600	9,791	-	-
HAKE, RED	-	-	1,800	53	-	-
MACKEREL.	166,400	15,009	-	-	-	-
SCUP OR PORGY	12,300	1,922	-	-	-	-
SHARKS, GRAYFISH.	-	-	3,600	154	-	-
STRIPED BASS.	27,900	5,224	-	-	-	-
SWORDFISH	-	-	67,200	28,443	15,900	$6,757
TUNA, BLUEFIN	700	73	-	-	-	-
UNCLASSIFIED, FOR FOOD. . .	6,700	670	7,800	780	-	-
TOTAL.	549,600	68,421	149,300	39,453	15,900	6,757

SPECIES	SPEARS		DREDGES			
			CLAM		OYSTER, COMMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON.	3,000	$584	-	-	-	-
CLAMS:						
HARD, PRIVATE	-	-	2,412,700	$1,803,237	-	-
SURF.	-	-	1,840,100	148,008	-	-
CONCHS.	-	-	-	-	25,100	$6,341
OYSTERS, MARKET, PRIVATE:						
SPRING.	-	-	-	-	95,900	181,254
FALL.	-	-	-	-	76,700	149,341
TOTAL.	3,000	584	4,252,800	1,951,245	197,700	336,936

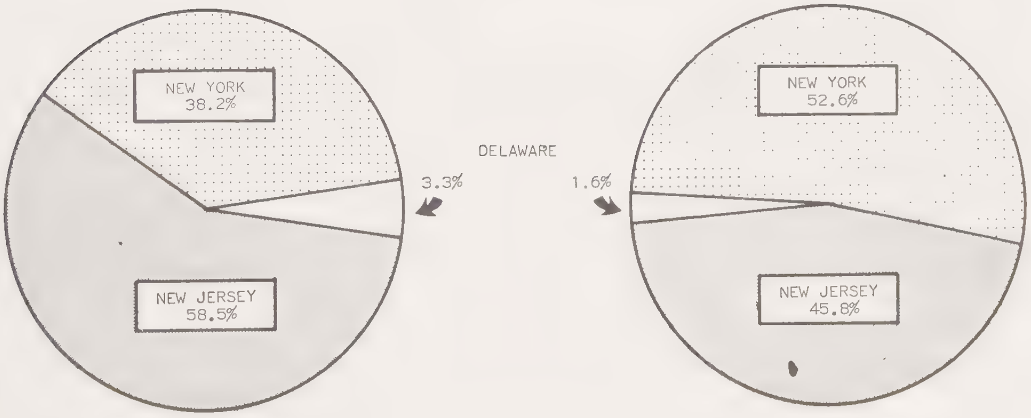
(CONTINUED ON NEXT PAGE)

NEW YORK - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	DREDGES - CONTINUED			
	SCALLOP			
	BAY		SEA	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:				
BLACKBACK	-	-	38,400	$2,245
FLUKE	-	-	15,300	3,637
YELLOWTAIL	-	-	29,100	2,547
MACKEREL	-	-	500	45
WHITING	-	-	500	22
SCALLOPS:				
BAY	317,400	$323,362	-	-
SEA	-	-	2,127,600	1,008,637
SQUID	-	-	500	44
TOTAL	317,400	323,362	2,211,900	1,017,177

SPECIES	TONGS				RAKES	
	OYSTER		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD, PUBLIC	-	-	2,392,800	$2,290,803	1,775,500	$1,694,340
RAZOR	-	-	-	-	1,800	684
SOFT, PUBLIC	-	-	-	-	282,400	85,666
MUSSELS, SEA	-	-	-	-	114,900	17,793
OYSTERS, MARKET, PUBLIC:						
SPRING	2,200	$2,852	-	-	-	-
FALL	1,800	2,328	-	-	-	-
TOTAL	4,000	5,180	2,392,800	2,290,803	2,174,600	1,798,483

MIDDLE ATLANTIC FISHERIES, 1966



167,912,000 pounds

$21,576,000

MIDDLE ATLANTIC FISHERIES

NEW JERSEY

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	STOP SEINES	PURSE SEINES		
			MENHADEN	TUNA	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	238	42	39
ON BOATS AND SHORE:					
REGULAR	26	4	-	-	-
CASUAL	14	-	-	-	-
TOTAL	40	4	238	42	39
VESSELS, MOTOR	-	-	14	4	5
GROSS TONNAGE	-	-	3,734	530	165
BOATS:					
MOTOR	15	2	16	4	4
OTHER	3	-	12	-	3
GEAR:					
NUMBER	17	2	14	4	5
LENGTH, YARDS	2,933	600	5,440	2,900	1,900

ITEM	OTTER TRAWLS		WEIRS	POUND NETS, FISH	FYKE AND HOOP NETS, FISH
	FISH	LOBSTER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	508	100	-	19	1
ON BOATS AND SHORE:					
REGULAR	12	-	2	17	15
CASUAL	-	-	6	-	-
TOTAL	520	100	8	36	16
VESSELS, MOTOR	154	26	-	5	1
GROSS TONNAGE	6,923	1,442	-	40	8
BOATS:					
MOTOR	6	-	4	5	15
OTHER	-	-	4	-	-
GEAR:					
NUMBER	160	26	6	28	43
YARDS AT MOUTH	3,809	714	-	-	-

ITEM	POTS AND TRAPS				
	CRAB	EEL	FISH	LOBSTER	TURTLE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	5	-	16	8	-
ON BOATS AND SHORE:					
REGULAR	36	12	23	4	-
CASUAL	10	6	1	-	11
TOTAL	51	18	40	12	11
VESSELS, MOTOR	3	-	8	4	-
GROSS TONNAGE	21	-	67	42	-
BOATS:					
MOTOR	37	18	17	4	8
OTHER	-	-	-	-	3
GEAR, NUMBER	3,174	755	18,000	1,875	145

ITEM	GILL NETS				LINES
	ANCHOR, SET OR STAKE	DRIFT		RUNAROUND	HAND
		SHAD	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	9	3	50	22	27
ON BOATS AND SHORE:					
REGULAR	29	3	33	30	6
CASUAL	35	13	14	6	54
TOTAL	73	19	97	58	87

(CONTINUED ON NEXT PAGE)

NEW JERSEY - OPERATING UNITS BY GEAR, 1966 - Continued

ITEM	GILL NETS				LINES
	ANCHOR, SET OR STAKE	DRIFT		RUNA-ROUND	HAND
		SHAD	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR.	4	2	22	10	13
GROSS TONNAGE	43	17	293	97	159
BOATS, MOTOR.	30	11	25	18	55
GEAR:					
NUMBER.	51	13	47	22	89
SQUARE YARDS.	71,679	22,061	387,299	232,000	-
HOOKS OR BAITS.	-	-	-	-	89

ITEM	LINES - CONTINUED		HARPOONS	SPEARS	DREDGES
	TROLL	LONG OR SET WITH HOOKS			CLAM
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	5	41	8	-	279
ON BOATS AND SHORE:					
REGULAR	1	1	-	4	-
CASUAL.	31	-	-	-	-
TOTAL.	37	42	8	4	279
VESSELS, MOTOR.	2	8	2	-	79
GROSS TONNAGE	21	623	87	-	3,982
BOATS, MOTOR.	32	1	-	4	-
GEAR:					
NUMBER.	40	9	2	4	84
YARDS AT MOUTH.	-	-	-	-	107
HOOKS OR BAITS.	40	15,000	-	-	-

ITEM	DREDGES - CONTINUED					
	CONCH	CRAB	MUSSEL	OYSTER, COMMON	SCALLOP	
					BAY	SEA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	24	22	2	151	-	380
ON BOATS AND SHORE:						
REGULAR	-	7	-	15	80	-
CASUAL.	-	-	-	3	50	-
TOTAL.	24	29	2	169	130	380
VESSELS, MOTOR.	9	9	1	21	-	35
GROSS TONNAGE	313	140	13	612	-	3,458
BOATS, MOTOR.	-	7	-	10	100	-
GEAR:						
NUMBER.	10	24	1	54	215	70
YARDS AT MOUTH.	28	38	3	54	180	223

ITEM	TONGS		RAKES	HOES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	-	-	-	1,747
ON BOATS AND SHORE:						
REGULAR	82	372	233	12	280	613
CASUAL.	18	605	400	25	465	1,068
TOTAL.	100	977	633	37	745	3,428
VESSELS, MOTOR.	-	-	-	-	-	350
GROSS TONNAGE	-	-	-	-	-	20,018
BOATS:						
MOTOR	87	782	569	37	599	1,377
OTHER	-	145	45	-	49	204
GEAR, NUMBER.	100	977	633	37	-	-

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		STOP SEINES		PURSE SEINES	
					MENHADEN	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	4,500	$179	-	-	-	-
CARP.	90,100	5,749	19,300	$1,352	-	-
CATFISH	14,100	1,357	-	-	-	-
FLOUNDERS:						
BLACKBACK	4,300	254	-	-	-	-
FLUKE	100	16	-	-	-	-
MENHADEN.	-	-	-	-	9,189,000	$143,348
MULLET.	21,500	4,300	-	-	-	-
SHAD.	9,600	938	-	-	-	-
STRIPED BASS.	10,000	3,193	-	-	-	-
WHITE PERCH	84,700	12,981	-	-	-	-
TOTAL.	238,900	28,967	19,300	1,352	9,189,000	143,348

SPECIES	PURSE SEINES - CONTINUED				OTTER TRAWLS			
	TUNA		OTHER		FISH		LOBSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH.	1,000	$200	16,900	$2,969	56,700	$5,864	-	-
BONITO.	-	-	-	-	300	44	-	-
BUTTERFISH.	-	-	-	-	1,376,000	102,263	30,500	$3,047
COD	-	-	-	-	9,900	1,445	-	-
DRUM, BLACK	-	-	-	-	1,200	67	-	-
FLOUNDERS:								
BLACKBACK	-	-	-	-	381,900	18,075	300	11
FLUKE	-	-	-	-	3,742,400	869,292	29,400	8,622
GRAY SOLE	-	-	-	-	45,300	3,201	7,200	522
YELLOWTAIL.	-	-	-	-	96,000	5,683	100	5
HADDOCK	-	-	-	-	2,000	67	-	-
HAKE:								
RED	-	-	-	-	819,300	30,875	22,600	633
WHITE	-	-	-	-	16,700	1,275	31,800	1,875
HERRING, SEA.	-	-	700	49	18,900	626	-	-
KING WHITING OR "KINGFISH".	-	-	-	-	14,200	1,369	-	-
MACKEREL.	-	-	-	-	92,100	11,585	200	18
MENHADEN.	-	-	381,700	27,248	400	13	-	-
POLLOCK	-	-	-	-	700	55	200	13
SCUP OR PORGY	-	-	84,700	27,095	4,120,900	544,354	800	77
SEA BASS.	-	-	-	-	166,500	26,479	200	44
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	330,400	20,426	-	-
SHAD.	-	-	-	-	5,900	340	-	-
SHARKS:								
GRAYFISH.	-	-	-	-	3,200	99	-	-
UNCLASSIFIED.	-	-	-	-	400	15	-	-
STRIPED BASS.	-	-	3,700	972	181,900	45,446	-	-
STURGEON, COMMON.	-	-	-	-	7,400	1,077	100	10
SWELLFISH	-	-	-	-	33,100	1,203	-	-
TAUTOG.	-	-	-	-	5,200	189	-	-
TILEFISH.	-	-	-	-	1,200	107	4,400	550
TUNA:								
BLUEFIN	478,600	38,288	-	-	-	-	-	-
SKIPJACK.	22,600	1,810	-	-	-	-	-	-
WHITING	-	-	-	-	4,173,900	240,729	329,900	12,864
UNCLASSIFIED:								
FOR FOOD.	-	-	-	-	20,100	922	100	11
BAIT, REDUCTION, AND ANIMAL FOOD.	-	-	-	-	14,567,100	143,211	-	-
CRABS, ROCK	-	-	-	-	7,500	292	62,800	2,451
LOBSTERS, NORTHERN.	-	-	-	-	159,900	103,871	451,500	276,211
CONCHS.	-	-	-	-	46,100	11,334	-	-
SCALLOPS, SEA	-	-	-	-	600	311	-	-
SQUID	-	-	-	-	417,600	31,065	1,300	103
TOTAL.	502,200	40,298	487,700	58,333	30,922,900	2,223,269	973,400	307,067

SPECIES	WEIRS		POUND NETS, FISH		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	-	-	-	-	7,900	$316
BLUEFISH.	-	-	226,500	$43,710	-	-
BUTTERFISH.	300	$28	62,700	8,775	-	-
CATFISH	-	-	-	-	100	8

(CONTINUED ON NEXT PAGE)

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	WEIRS		POUND NETS, FISH		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	100	$15	-	-
DRUM, BLACK	1,000	$90	400	22	-	-
EELS, COMMON	10,500	4,200	2,900	551	-	-
FLOUNDERS:						
BLACKBACK	-	-	1,200	97	50,100	$3,859
FLUKE	300	81	36,900	10,029	-	-
HAKE, RED	-	-	3,900	200	-	-
HERRING, SEA	-	-	280,200	5,858	-	-
KING WHITING OR "KINGFISH"	-	-	500	42	-	-
MACKEREL	-	-	200	18	-	-
MENHADEN	-	-	3,273,100	90,789	-	-
PILOTFISH	-	-	100	5	-	-
POLLOCK	-	-	100	7	-	-
SCUP OR PORGY	-	-	125,000	15,204	-	-
SEA BASS	-	-	2,400	478	-	-
SEA ROBIN	-	-	190,100	1,900	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	5,200	1,254	-	-
SHAD	-	-	17,700	1,505	-	-
SHARKS, UNCLASSIFIED	-	-	200	6	-	-
SPANISH MACKEREL	-	-	100	10	-	-
STRIPED BASS	500	122	40,700	8,714	100	25
STURGEON, COMMON	-	-	6,400	1,232	-	-
SWELLFISH	800	26	1,600	65	-	-
TAUTOG	-	-	6,500	275	200	6
WHITE PERCH	3,700	740	300	59	25,200	5,040
WHITING	-	-	1,000	97	-	-
CRABS, HORSESHOE	133,200	666	-	-	-	-
SQUID	-	-	100	9	-	-
TURTLES, LOGGERHEAD	-	-	100	10	-	-
TOTAL	150,300	5,953	4,286,200	190,936	83,600	9,254

SPECIES	POTS AND TRAPS					
	CRAB		EEL		FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS:						
COMMON	-	-	128,100	$20,171	-	-
CONGER	-	-	-	-	700	$11
GRUNTS	-	-	-	-	1,700	108
HAKE, RED	-	-	-	-	26,500	849
SCUP OR PORGY	-	-	-	-	4,000	433
SEA BASS	-	-	-	-	788,100	160,805
TAUTOG	-	-	-	-	5,600	170
UNCLASSIFIED, FOR FOOD	-	-	-	-	35,500	2,078
CRABS:						
BLUE:						
HARD	571,300	$77,668	-	-	-	-
SOFT AND PEELER	3,800	818	-	-	-	-
ROCK	-	-	-	-	300	9
LOBSTERS, NORTHERN	-	-	-	-	82,100	73,503
CONCHS	-	-	-	-	100	34
TOTAL	575,100	78,486	128,100	20,171	944,600	238,000

SPECIES	POTS AND TRAPS - CONTINUED				GILL NETS	
	LOBSTER		TURTLE		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	100	$10	-	-	-	-
MENHADEN	-	-	-	-	10,000	$300
SCUP OR PORGY	200	27	-	-	-	-
SEA BASS	2,800	797	-	-	-	-
SHAD	-	-	-	-	162,300	15,791
STRIPED BASS	-	-	-	-	27,200	5,673
WHITE PERCH	-	-	-	-	12,400	1,296
UNCLASSIFIED, FOR FOOD	-	-	-	-	500	30
LOBSTERS, NORTHERN	70,600	59,921	-	-	-	-
TURTLES, SNAPPER	-	-	59,200	$8,916	-	-
TOTAL	73,700	60,755	59,200	8,916	212,400	23,090

(CONTINUED ON NEXT PAGE)

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	GILL NETS - CONTINUED					
	DRIFT				RUNAROUND	
	SHAD		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	345,300	$61,976	353,900	$37,283
BONITO	-	-	14,300	2,990	2,500	461
BUTTERFISH	-	-	5,600	518	300	38
HERRING, SEA	-	-	100	3	-	-
KING WHITING OR "KINGFISH"	-	-	-	-	400	62
MACKEREL	-	-	403,200	39,270	-	-
MENHADEN	4,000	$120	56,500	2,083	-	-
SCUP OR PORGY	-	-	800	114	1,200	141
SEA TROUT OR WEAKFISH, GRAY	400	40	4,500	669	3,800	850
SHAD	42,400	3,407	100	3	4,300	430
STRIPED BASS	6,300	1,325	2,900	921	37,300	8,207
TUNA:						
BLUEFIN	-	-	1,200	237	-	-
LITTLE	-	-	-	-	900	51
WHITE PERCH	14,300	2,860	15,300	3,321	-	-
WHITING	-	-	14,900	1,214	-	-
TOTAL	67,400	7,752	864,700	113,319	404,600	47,523

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	3,600	$797	4,300	$578	-	-
CATFISH	400	49	-	-	-	-
COD	-	-	-	-	5,700	$1,138
DRUM, BLACK	600	40	-	-	-	-
FLOUNDERS, FLUKE	600	151	-	-	-	-
MACKEREL	51,600	4,340	100	7	-	-
SCUP OR PORGY	500	60	-	-	-	-
SEA BASS	600	98	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	-	-	31,600	1,012
STRIPED BASS	2,100	514	2,000	394	-	-
SWELLFISH	100	4	-	-	-	-
SWORDFISH	-	-	-	-	252,400	119,561
TUNA, BLUEFIN	200	19	200	18	40,700	6,063
WHITE PERCH	200	47	-	-	-	-
WHITING	100	4	100	10	-	-
TOTAL	60,600	6,123	6,700	1,007	330,400	127,774

SPECIES	HARPOONS		SPEARS		DREDGES	
					CLAM	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON	-	-	2,300	$431	-	-
SWORDFISH	900	$436	-	-	-	-
CLAMS:						
HARD, PUBLIC	-	-	-	-	39,000	$12,374
SURF	-	-	-	-	43,173,800	3,714,101
CONCHS	-	-	-	-	94,500	26,359
SCALLOPS, SEA	-	-	-	-	3,100	1,200
TOTAL	900	436	2,300	431	43,310,400	3,754,034

SPECIES	DREDGES - CONTINUED					
	CONCH		CRAB		MUSSEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, FLUKE	14,100	$2,726	-	-	-	-
SWELLFISH	200	6	-	-	-	-
UNCLASSIFIED, FOR FOOD	100	16	-	-	-	-
CRABS, BLUE, HARD	-	-	112,700	$14,087	-	-
CLAMS, HARD, PUBLIC	400	127	-	-	-	-
CONCHS	200,700	53,429	-	-	-	-
MUSSELS, SEA	-	-	-	-	100	$50
TOTAL	215,500	56,304	112,700	14,087	100	50

(CONTINUED ON NEXT PAGE)

NEW JERSEY - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	DREDGES - CONTINUED					
	OYSTER, COMMON		SCALLOP			
			BAY		SEA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
BLACKBACK	-	-	-	-	100	$4
FLUKE	-	-	-	-	6,700	1,596
GRAY SOLE	-	-	-	-	100	7
YELLOWTAIL	-	-	-	-	800	32
CLAMS, HARD, PRIVATE	1,600	$640	-	-	-	-
CONCHS	6,000	1,500	-	-	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING	26,600	37,468	-	-	-	-
FALL	619,000	705,442	-	-	-	-
SCALLOPS:						
BAY	-	-	174,600	$85,314	-	-
SEA	-	-	-	-	396,700	175,830
TOTAL	653,200	745,050	174,600	85,314	404,400	177,469

SPECIES	TONGS				RAKES	
	OYSTER		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	938,900	$432,451	774,600	$355,127
MUSSELS, SEA	-	-	18,000	4,500	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	13,300	$15,375	-	-	-	-
FALL	23,800	23,972	-	-	-	-
PRIVATE:						
SPRING	7,100	8,510	-	-	-	-
FALL	4,600	5,359	-	-	-	-
TERRAPIN	-	-	-	-	5,600	2,240
TURTLES:						
SNAPPER	-	-	-	-	8,000	1,200
UNCLASSIFIED	-	-	-	-	2,000	100
TOTAL	48,800	53,216	956,900	436,951	790,200	358,667

SPECIES	HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
HARD, PUBLIC	-	-	920,600	$423,275
SOFT, PUBLIC	36,900	$15,645	40,000	16,400
CONCHS	-	-	24,600	7,388
TOTAL	36,900	15,645	985,200	447,063

MIDDLE ATLANTIC FISHERIES

DELAWARE

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, FISH	FYKE AND HOOP NETS	
				FISH	TURTLE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	85	2	-	-
ON BOATS AND SHORE:					
REGULAR	-	-	2	9	-
CASUAL.	6	-	-	17	3
TOTAL.	6	85	4	26	3
VESSELS, MOTOR.	-	5	1	-	-
GROSS TONNAGE	-	993	34	-	-
BOATS:					
MOTOR	1	10	1	26	3
OTHER	2	-	-	-	-
GEAR:					
NUMBER.	1	5	2	57	45
LENGTH, YARDS	550	2,000	-	-	-
YARDS AT MOUTH.	-	-	40	-	-

ITEM	POTS AND TRAPS		GILL NETS			LINES, LONG OR SET WITH HOOKS
	CRAB	EEL	ANCHOR, SET OR STAKE	DRIFT		
				SHAD	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	-	-	4	2
ON BOATS AND SHORE:						
REGULAR	-	2	16	-	2	-
CASUAL.	19	1	33	10	2	-
TOTAL.	19	3	49	10	8	2
VESSELS, MOTOR.	-	-	-	-	2	1
GROSS TONNAGE	-	-	-	-	28	12
BOATS, MOTOR.	14	3	43	9	2	-
GEAR:						
NUMBER.	1,685	110	47	9	4	2
SQUARE YARDS.	-	-	60,550	10,530	40,100	-
HOOKS OR BAITS.	-	-	-	-	-	4,500

ITEM	DREDGES		TONGS		RAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	CRAB	OYSTER, COMMON	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	14	11	-	-	-	113
ON BOATS AND SHORE:						
REGULAR	-	2	3	55	40	107
CASUAL.	-	-	-	53	140	229
TOTAL.	14	13	3	108	180	449
VESSELS, MOTOR.	5	3	-	-	-	15
GROSS TONNAGE	179	54	-	-	-	1,232
BOATS:						
MOTOR	-	1	3	108	95	261
OTHER	-	-	-	-	-	2
GEAR:						
NUMBER.	9	8	3	108	180	-
YARDS AT MOUTH.	18	11	-	-	-	-

DELAWARE - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS, FISH		FYKE AND HOOP NETS	
							FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH	-	-	-	-	4,000	$600	-	-
CATFISH	-	-	-	-	-	-	200	$30
FLOUNDERS:								
BLACKBACK	-	-	-	-	-	-	50,500	4,210
FLUKE	-	-	-	-	12,500	2,500	-	-
HERRING, SEA	-	-	-	-	-	-	4,800	240
KING WHITING OR "KINGFISH"	-	-	-	-	2,000	300	-	-
MENHADEN	-	-	4,230,800	$52,712	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	4,000	$600	-	-	70,000	6,300	1,500	300
STRIPED BASS	-	-	-	-	4,000	280	-	-
SWELLFISH	-	-	-	-	-	-	3,000	150
WHITE PERCH	-	-	-	-	14,000	1,400	5,000	750
TOTAL	4,000	600	4,230,800	52,712	106,500	11,380	65,000	5,680

SPECIES	FYKE AND HOOP NETS - CONTINUED		POTS AND TRAPS			
	TURTLE		CRAB		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON	-	-	-	-	32,000	$5,400
CRABS, BLUE:						
HARD	-	-	388,600	$43,717	-	-
SOFT AND PEELER	-	-	300	130	-	-
TURTLES, SNAPPER	6,400	$2,440	-	-	-	-
TOTAL	6,400	2,440	388,900	43,847	32,000	5,400

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT			
			SHAD		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	800	$160	-	-	-	-
BUTTERFISH	-	-	-	-	200	$11
CARP	5,000	500	-	-	-	-
HERRING, SEA	-	-	-	-	500	10
MACKEREL	-	-	-	-	27,900	6,712
SEA TROUT OR WEAKFISH, GRAY	14,100	1,698	-	-	-	-
SHAD	34,600	4,152	20,900	$5,062	-	-
SHARKS, GRAYFISH	-	-	-	-	400	15
STRIPED BASS	59,800	12,610	-	-	-	-
STURGEON, COMMON	-	-	-	-	1,600	480
WHITE PERCH	19,600	2,940	-	-	-	-
TOTAL	133,900	22,060	20,900	5,062	30,600	7,228

SPECIES	LINES, LONG OR SET WITH HOOKS		DREDGES			
			CRAB		OYSTER, COMMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	15,100	$2,877	-	-	-	-
HAKE, RED	200	7	-	-	-	-
CRABS, BLUE, HARD	-	-	182,400	$5,700	-	-
OYSTERS, MARKET:						
PUBLIC, FALL	-	-	-	-	1,000	$1,518
PRIVATE:						
SPRING	-	-	-	-	9,700	7,500
FALL	-	-	-	-	23,400	18,000
TOTAL	15,300	2,884	182,400	5,700	34,100	27,018

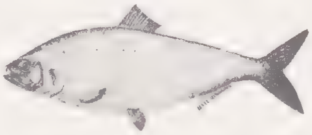
SPECIES	TONGS				RAKES	
	OYSTER		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	184,800	$98,175	79,300	$42,105
OYSTERS, MARKET, PRIVATE FALL	11,000	$8,500	-	-	-	-
TOTAL	11,000	8,500	184,800	98,175	79,300	42,105

HUDSON RIVER SHAD FISHERY

The Hudson River run of shad yielded commercial landings of 33,509 fish weighing 116,332 pounds, valued at $15,157 to the fishermen. Compared with 1965, this was a decrease of 51 percent in poundage and 58 percent in value. The average price received by fishermen declined from 15 to 13 cents per pound.

There were 69 fishermen participating in the Hudson River commercial shad fishery--27 percent less than in the previous year. Landings also declined and were the lowest since the 94,369 pounds taken in 1924. More fish could have been caught had the demand been greater. The value was the lowest since 1917. In that year the average price of shad per pound was higher than in 1966.

Statistics on the 1966 operating units and landings of shad in the Hudson River by New York and New Jersey fishermen are included in the operating unit and landing data for those States.



SHAD

SUMMARY OF OPERATING UNITS AND LANDINGS, 1966

ITEM	NEW YORK			NEW JERSEY			TOTAL		
OPERATING UNITS	NUMBER			NUMBER			NUMBER		
FISHERMEN, ON BOATS AND SHORE:									
REGULAR	6			2			8		
CASUAL	56			5			61		
TOTAL	62			7			69		
BOATS, MOTOR	35			2			37		
GEAR, GILL NETS:									
ANCHOR, SET OR STAKE	24			2			26		
SQUARE YARDS	50,280			5,511			55,791		
DRIFT	24			-			24		
SQUARE YARDS	74,480			-			74,480		
LANDINGS	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
SHAD, GILL NETS:									
ANCHOR, SET OR STAKE	8,080	28,929	$4,001	13,462	48,424	$5,811	21,542	77,353	$9,812
DRIFT	11,967	38,979	5,345	-	-	-	11,967	38,979	5,345
TOTAL	20,047	67,908	9,346	13,462	48,424	5,811	33,509	116,332	15,157

NOTE:--THESE DATA REFLECT THE LANDINGS OF SHAD IN THE HUDSON RIVER BETWEEN WEEHAWKEN, N.J. AND HUDSON, N.Y.

SECTION 4 - CHESAPEAKE FISHERIES

Landings of commercially caught fish and shellfish at ports in Maryland and Virginia were 501.7 million pounds worth $35.2 million--a decline of 89.8 million pounds (15 percent) and $5.0 million (12 percent) compared with the record volume and value of the previous year. Landings of hard blue crabs, fluke, scup, striped bass, and white perch increased, but landings of alewives, butterfish, menhaden, sea bass, sea scallops, sea trout, shad, spot, swellfish, and unclassified fish for reduction declined.

Virginia landings of 418.4 million pounds worth $20.9 million were 83 percent of the volume and 59 percent of the value of the Chesapeake States catch of fish and shellfish. The menhaden and hard blue crab fisheries were 65 and 15 percent, respectively, of the Virginia landings. Maryland accounted for the remainder of the Chesapeake landings--83.3 million pounds worth $14.3 million. In Maryland, hard and soft blue crabs were 39 percent of the landings, followed by unclassified industrial fish, 15 percent, and oysters, 14 percent.

Fishermen and vessels. There were 18,810 fishermen in the Chesapeake area--186 less than in 1965. Operating were 1,460 vessels of 5 net tons or more, 10,070 motor boats, and 789 other boats. This fleet had an increase in 1966 of 47 vessels and 90 motor boats but a decrease of 202 other boats.

Labor. A work stoppage by newly unionized workers at two soft clam plants began in June 1965 and ended in the spring of 1966. Workers and management disagreed over wages and fringe benefits. No contract was signed, however, because management continued to use nonunion personnel to operate the plant.

Stevedores in Cambridge, Md., stopped work in October and did not resume until their dispute was settled just before the New Year. Consequently, no imported products, principally tuna, were received during this period along the eastern shore of Maryland, and as a result one firm temporarily suspended operations.

Management officials of fishery packing plants found it increasingly difficult to obtain employees. Fewer young people were attracted to these plants because other jobs were readily available and offered year-round employment and higher income. As a result of few new employees and retirement or death of older ones, the number of available workers has declined during the past decade.

Legislation. The Maryland legislature passed a law prohibiting the sale of striped bass by anyone except a licensed fisherman or dealer. The purpose of the law was to end the excessive use of nets less than 100 yards long, which do not require a commercial license. When used during the spawning season, these "short nets" take so much fish that the price declines. The new law was difficult to enforce, and many illegally caught fish were marketed.

A law was also passed to allow the sail oyster dredge fleet to use "pusher boats" 2 days each week. This additional fishing time is to compensate the fishermen for the loss of catch during calm weather when the sails don't function.

Menhaden. Menhaden landings of 277.9 million pounds were 82.1 million less than in 1965. Eighty-seven percent of the landings were within Chesapeake Bay and its tributaries; the remaining 13 percent were caught in the Atlantic Ocean. A new menhaden processing plant, the first in 50 years, was built at Cape Charles, Va. The plant did not attain full production during the year because of the greatly reduced landings of menhaden.

Oysters. The 21.2-million pound production of oyster meats was about the same as in the previous year, but the value, $14.5 million declined $2.2 million. Oyster meats accounted for 41 percent of the value of fishery landings in the Chesapeake States.

Maryland oyster landings of 11.8 million pounds of meats exceeded Virginia landings for the first time since 1941. One of the reasons for the production gain was the success of a program, in effect since 1960, for planting shell and seed oysters. The location of the Maryland oyster grounds has also contributed to the increased harvest because most of these grounds are in the northern part of Chesapeake Bay and therefore free from attack by the *Minchinia nelsoni* (MSX) organism that has affected Virginia oysters. The MSX organism lives best in the more saline waters in the southern end of the Bay.

In 1966, the Virginia oyster grounds were still infested by MSX. This organism has decimated much of the oyster stock in the production areas. It was the fifth consecutive year of drought and, with little fresh water draining into the Bay, the salinity remained high--causing the growth and spread of the organism.

An abundance of oysters in the Potomac River drew tongers from both States. Contributing to the plentiful supply was a 1963 set of spat that reached marketable size in 1966. So many oysters were taken in October that prices declined. The Potomac River Fisheries Commission limited the work week to 3 days to hold back oyster landings. The Commission gradually increased the permissible working time, and by Christmas allowed a 6-day work week. The oysters were exceptionally fat, yielding from 7 to 8 pints per

Maryland State bushel. Exvessel prices averaged from $4.50 to $5.00 per Maryland State bushel.

Oysters in other areas of the Chesapeake Bay--the James River, the eastern shore of Virginia, some Potomac River tributaries, and the Choptank River and tributaries--gave a somewhat lower yield and were of standard size, which tended to lower the average exvessel price. Many of these oysters were sold to canneries to be made into soups and stews. Wholesale gallon prices for oysters generally averaged $7.50 for standards, $8.50 for selects, and $9.50 for counts (f.o.b. Hampton, Va.).

Table 1.--Wholesale shucked oyster prices, f.o.b. Hampton, Va., 1966

Month	Standards	Selects
	Dollars per gallon	Dollars per gallon
January	8.50-9.00	9.50-10.00
February	8.00-8.75	9.00- 9.75
March	8.50	9.50
April	7.75-8.50	8.75- 9.50
May	7.50-8.50	8.50- 9.50
June	7.50-8.50	8.50- 9.50
July	7.50-8.50	8.50- 9.50
August	7.50-8.50	8.50- 9.50
September	8.00-9.00	9.00-10.00
October	8.25-9.00	9.25-10.00
November	8.25-8.50	9.25- 9.50
December	7.50-8.50	8.50- 9.50

Source:--The Bureau's Market News Service, Hampton, Va.

Blue crabs. Hard blue crab landings of 94.1 million pounds were 11.5 million more than in 1965 and set a record for the second consecutive year. However, the value, $5.9 million, declined nearly $400,000 compared with a year earlier. Exvessel prices decreased from an average 7.6 cents per pound in 1965 to 6.2 cents in 1966. This reduction was reflected in slightly lower crab meat prices (f.o.b. Hampton, Va.).

Landings by fishermen using trot lines and crab pots started slowly because of cool, wet weather. Landings improved slightly in June, however, and reached a peak from July to September. The Virginia winter crab dredging did not meet expectations during the season from January to March. Many vessels were unable to catch the State limit of 25 barrels per day. This limit was 5 barrels per day less than the limit of the previous season. Dredge boats received from $4.00 to $5.00 per barrel for their landings.

Table 2.--Wholesale crab meat prices f.o.b. Hampton, Va., 1966

Month	Backfin lump	Regular	Claw
	Dollars per pound	Dollars per pound	Dollars per pound
January	1.75-1.85	0.95-1.00	0.85-0.95
February	1.90-2.25	0.90-1.05	0.80-0.90
March	2.00-2.25	1.00-1.05	0.90-0.95
April	1.75-2.25	0.90-1.05	0.80-0.95
May	1.70-2.00	0.85-1.00	0.75-0.95
June	1.90-2.00	0.95-1.00	0.90-0.95
July	1.80-2.00	0.95-1.00	0.85-0.90
August	1.75-1.85	0.90-1.00	0.80-0.90
September	1.75-1.85	0.90-1.00	0.80-0.90
October	1.70-1.85	0.95-1.00	0.80-0.90
November	1.80-1.85	0.95-1.00	0.80-0.90
December	1.85-2.00	0.95-1.00	0.85-0.90

Source:--The Bureau's Market News Service, Hampton, Va.

Soft blue crab and peeler landings of 2.9 million pounds were 23 percent less than in 1965. Cool weather in May reduced the landings at the time of the first large shedding. Then in summer, more Maryland crabs than usual died in floats and tanks as a result of the presence of a protozoan which attacks the crab just at the shedding stage.

Soft clams. Landings of 7.4 million pounds of soft clam meats were 469,000 pounds less than in 1965, but the value, $1.7 million, increased $142,000.

Maryland produced 95 percent of the landings. About one-third of the Maryland production during the past few years has been taken from the Potomac River. In August and September 1966, however, serious soft clam mortalities occurred in the river. Biologists were unable to identify any one cause but suggested that high water temperatures with an accompanying lack of oxygen might be responsible. They also cited increased fishing effort as a possible cause. As a result, soft clamming in the Potomac River was curtailed for the remainder of the year. Following the end of production in the Potomac, exvessel prices increased from an average of $2.50 to $2.75 per bushel to $3.50 to $4.00 per bushel.

The Virginia soft clam fishery, in its second consecutive year of operation, produced 398,000 pounds of meats--a gain of 178,000 pounds compared with 1965. The producing areas of Virginia are located in certain tributaries of the Potomac River and in some sections of the Rappahannock River.

Alewives. Landings of alewives were 30.0 million pounds--a decline of 8.3 million compared with the previous year. Alewives continued to rank third in volume of landings in the Chesapeake area. More than one-third of the catch was taken by pound nets in the Potomac River.

Scup. Scup landings of 8.5 million pounds worth $834,000 increased 1.8 million pounds and more than $300,000 compared with the previous year. The average exvessel price in 1966 was 9.8 cents per pound--2.1 cents more than in 1965.

Virginia, with a fleet of offshore trawlers, accounted for 97 percent of the landings; Maryland, with only day-boat trawlers, took the remaining 3 percent. Fishermen made their best catches of scup in March and April when they landed 4.4 million pounds. The size composition of the catch was: small, 48 percent; medium, 31 percent; and large, 21 percent.

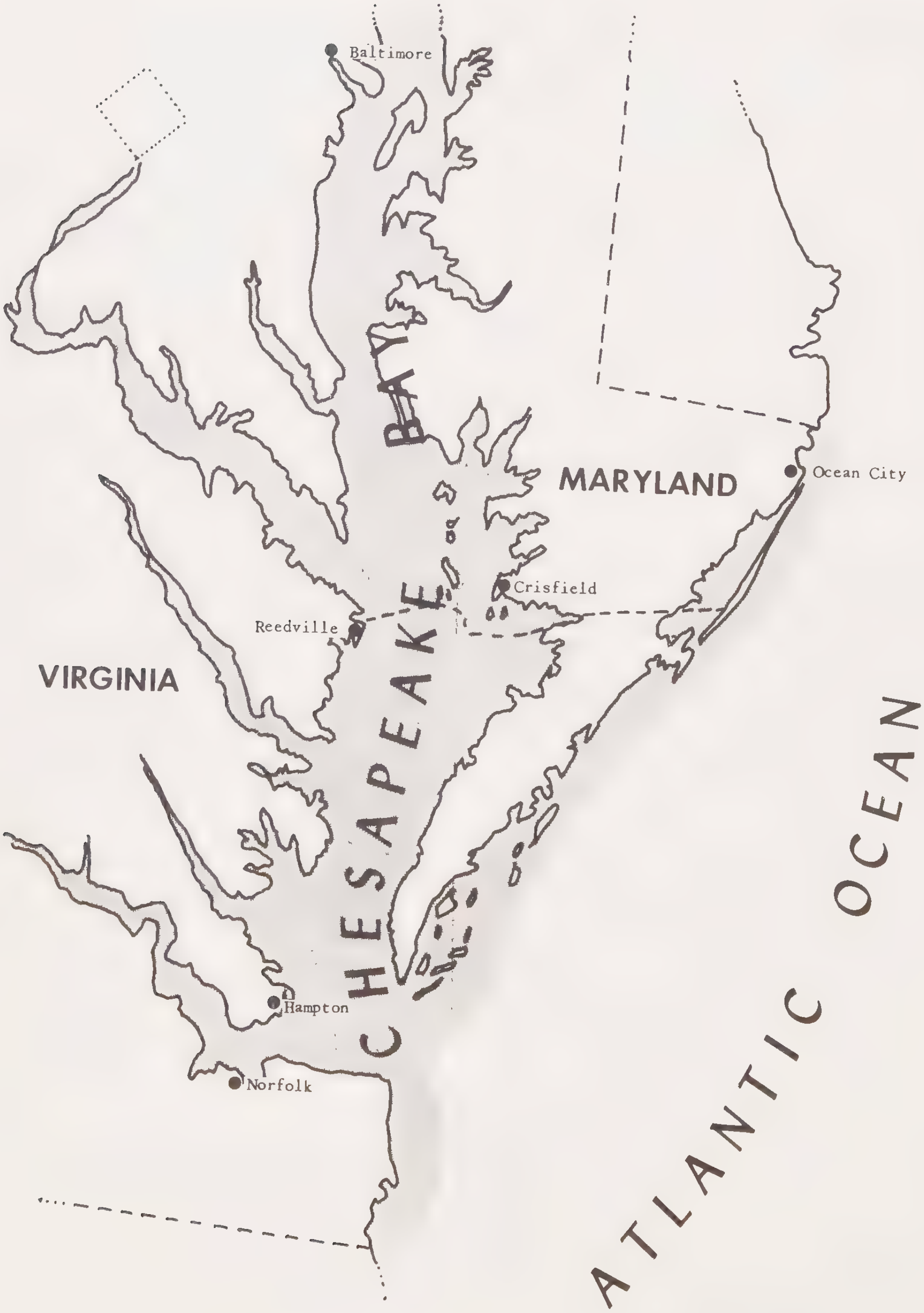
Sea scallops. Extensive sea scallop beds were discovered about 1915 off the Virginia capes. They were fished intensively for the first time in 1965 and again in 1966. Landings of 2.3 million pounds of sea scallop meats worth $919,000 declined 19 percent in volume and 47 percent in value compared with 1965. The exvessel price averaged 40 cents per pound--21 cents less per pound than in the previous year. During the year, 30 vessels made 202 trips landing sea scallops in Virginia--compared with 37 vessels making 199 trips a year earlier.

Longline fishery. There were 88,500 pounds of swordfish and 7,500 pounds of tuna taken with longlines--71 and 68 percent less, respectively, than in the previous year. Principal reason for the decrease was probably the decline in fishing effort caused by increasing numbers of small swordfish (pups) in the catch. In the longline fishery, 5 vessels made 12 trips--compared with 12 vessels making 33 trips in 1965.

Swellfish. The 8.1-million pound landings of swellfish were 4.4 million pounds less than the record production of the previous year. Swellfish are taken by fishermen with pound nets in the spring and with crab pots in the summer and fall, principally in the Tangier Island and Crisfield area. Usually the fish are dressed, skinned, and sold on the fresh market. Some are also used for reduction into fish meal.

Other information. Condensed summary data on the operating units and landings, by States, appearing on the following pages, have been previously published in Current Fishery Statistics No. 4603. Landings of fish and shellfish in the bay and ocean areas of Maryland and Virginia are shown at the end of this section. Additional data may be found in the Maryland and Virginia monthly and annual landing bulletins published by the Branch of Fishery Statistics in cooperation with the respective States. Information on the daily, monthly, and annual production of fishery products in selected areas of these States is available in reports published by the Bureau's Fishery Market News Office at Hampton, Va.

Acknowledgments. The following organizations helped collect the data appearing in this section: Maryland Department of Chesapeake Bay Affairs, Natural Resources Institute of the University of Maryland; Virginia Commission of Fisheries, Virginia Institute of Marine Science; and Potomac River Fisheries Commission.



CHESAPEAKE STATES

CHESAPEAKE FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1966

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MARYLAND	32	2	51	12	83	14
VIRGINIA	339	8	80	13	419	21
TOTAL	371	10	131	25	502	35

SUMMARY OF OPERATING UNITS, 1966

ITEM	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	1,222	3,241	4,402
ON BOATS AND SHORE:			
REGULAR	3,903	4,207	8,110
CASUAL	3,896	2,402	6,298
TOTAL	9,021	9,850	18,810
VESSELS:			
MOTOR	493	945	1,417
GROSS TONNAGE	4,905	25,355	29,762
SAIL	43	-	43
GROSS TONNAGE	551	-	551
TOTAL VESSELS	536	945	1,460
TOTAL GROSS TONNAGE	5,456	25,355	30,313
BOATS:			
MOTOR	6,360	3,712	10,070
OTHER	274	516	789
GEAR:			
HAUL SEINES, COMMON	106	160	266
LENGTH, YARDS	47,250	116,230	163,480
PURSE SEINES, MENHADEN	1	41	41
LENGTH, YARDS	375	15,438	15,438
OTTER TRAWLS, FISH	23	67	85
YARDS AT MOUTH	577	1,826	2,288
POUND NETS:			
FISH	237	1,000	1,234
CRAB	210	2,605	2,815
FYKE AND HOOP NETS, FISH	377	361	738
POTS AND TRAPS:			
CRAB	82,750	130,972	213,622
EEL	7,491	2,875	10,366
FISH	840	5,279	6,119
TURTLE	301	201	502
GILL NETS:			
ANCHOR, SET OR STAKE	1,627	1,541	3,166
SQUARE YARDS	1,956,190	809,482	2,763,572
DRIFT:			
SHAD	-	274	274
SQUARE YARDS	-	228,400	228,400
OTHER	506	549	1,052
SQUARE YARDS	929,200	410,550	1,315,250
LINES:			
HAND	841	960	1,801
HOOKS	841	960	1,801
LONG OR SET WITH HOOKS	9	51	60
HOOKS	3,300	11,830	15,130
TROT WITH BAITS	2,904	72	2,976
BAITS	993,425	42,650	1,036,075
DIP NETS, COMMON	59	118	177
SCRAPES	313	60	373
YARDS AT MOUTH	328	71	399
DREDGES:			
CLAM	211	65	276
YARDS AT MOUTH	212	66	278
CONCH	-	34	34
YARDS AT MOUTH	-	57	57
CRAB	-	298	298
YARDS AT MOUTH	-	537	537
OYSTER, COMMON	146	385	531
YARDS AT MOUTH	164	433	597
SCALLOP, SEA	-	50	50
YARDS AT MOUTH	-	175	175
TONGS:			
OYSTER	3,981	3,987	7,962
OTHER	82	961	1,043
RAKES, OTHER THAN OYSTER	-	358	358

LANDINGS BY STATES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	1,433	26	28,535	488	29,968	514
ANGLERFISH	-	-	5	(1)	5	(1)
BLUEFISH	17	2	242	24	259	26
BONITO	-	-	2	(1)	2	(1)
BUTTERFISH	131	9	2,037	152	2,168	161
CABIO	-	-	2	(1)	2	(1)
CARP	158	4	461	14	619	18
CATFISH AND BULLHEADS	362	29	1,151	143	1,513	172
COD	3	(1)	5	1	8	1
CRAPPIE	5	(1)	-	-	5	(1)
CROAKER	1	(1)	1,463	194	1,464	194
DRUM:						
BLACK	90	5	391	17	481	22
RED	(1)	(1)	3	(1)	3	(1)
EEL, COMMON	222	25	469	88	691	113
FLOUNDERS:						
BLACKBACK	91	3	220	11	311	14
FLUKE	630	122	2,343	476	2,973	598
YELLOWTAIL	-	-	(1)	(1)	(1)	(1)
UNCLASSIFIED	1	(1)	(1)	(1)	1	(1)
GARFISH	-	-	(1)	(1)	(1)	(1)
GIZZARD SHAD	16	(1)	30	(1)	46	(1)
HAKE, RED	28	1	(1)	(1)	28	1
HARVESTFISH	-	-	126	16	126	16
HERRING, SEA	9	(1)	75	1	84	1
HICKORY SHAD	8	(1)	41	2	49	2
HOGCHOKER	3	(1)	-	-	3	(1)
KING WHITING OR "KINGFISH"	5	(1)	45	4	50	4
MACKEREL:						
ATLANTIC	38	3	778	88	816	91
KING	-	-	7	1	7	1
SPANISH	(1)	(1)	142	23	142	23
MENHADEN	5,504	126	272,391	4,325	277,895	4,451
MULLET, BLACK (LISA)	(1)	(1)	5	(1)	5	(1)
PIGFISH	-	-	8	(1)	8	(1)
PIKE OR PICKEREL	6	1	-	-	6	1
SCUP OR PORGY	240	19	8,224	815	8,464	834
SEA BASS	212	29	1,886	214	2,098	243
SEA ROBIN	455	4	13	(1)	468	4
SEA TROUT OR WEAKFISH:						
GRAY	150	10	1,040	96	1,190	106
SPOTTED	-	-	12	3	12	3
SHAD	1,133	132	2,431	219	3,564	351
SHARKS:						
GRAYFISH	15	1	493	17	508	18
UNCLASSIFIED	108	3	13	(1)	121	3
SPOT	4	(1)	1,153	107	1,157	107
STRIPED BASS	3,347	604	2,803	526	6,150	1,130
STURGEON, COMMON	14	2	26	3	40	5
SUCKERS	1	(1)	-	-	1	(1)
SUNFISH	5	(1)	-	-	5	(1)
SWELLFISH	2,528	54	5,574	83	8,102	137
SWORDFISH	-	-	89	41	89	41
TAUTOG	(1)	(1)	1	(1)	1	(1)
TILEFISH	-	-	(1)	(1)	(1)	(1)
TUNA:						
LITTLE	-	-	(1)	(1)	(1)	(1)
UNCLASSIFIED	-	-	8	1	8	1
TOTAL TUNA	-	-	8	1	8	1
WHITE PERCH	1,747	181	642	65	2,389	246
WHITING	29	1	10	1	39	2
YELLOW PERCH	200	26	17	2	217	28
UNCLASSIFIED:						
FOR FOOD	3	(1)	42	5	45	5
BAIT, REDUCTION, AND ANIMAL FOOD	12,891	88	3,109	26	16,000	114
TOTAL FISH	31,843	1,510	338,563	8,292	370,406	9,802
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD	30,373	2,214	63,731	3,638	94,104	5,852
SOFT AND PEELER	1,884	725	1,028	378	2,912	1,103
TOTAL CRABS	32,257	2,939	64,759	4,016	97,016	6,955
LOBSTERS, NORTHERN	8	4	32	17	40	21
CLAMS:						
HARD:						
PUBLIC	172	96	1,688	910	1,860	1,006
PRIVATE	-	-	172	100	172	100
SOFT:						
PUBLIC	7,007	1,650	-	-	7,007	1,650
PRIVATE	-	-	398	87	398	87

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
SHELLFISH, ETC. - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CLAMS - CONTINUED:						
SURF.	64	6	-	-	64	6
TOTAL CLAMS.	7,243	1,752	2,258	1,097	9,501	2,849
CONCHS.	41	7	512	76	553	83
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	2,408	1,728	1,432	1,009	3,840	2,737
FALL.	7,944	5,096	3,372	2,150	11,316	7,246
PRIVATE:						
SPRING.	821	709	2,875	2,090	3,696	2,799
FALL.	616	516	1,764	1,245	2,380	1,761
TOTAL OYSTERS.	11,789	8,049	9,443	6,494	21,232	14,543
SCALLOPS, SEA	-	-	2,300	919	2,300	919
SQUID	62	6	364	16	426	22
TERRAPIN.	8	3	5	2	13	5
TURTLES, SNAPPER.	58	9	144	30	202	39
TOTAL SHELLFISH, ETC..	51,466	12,769	79,817	12,667	131,283	25,436
GRAND TOTAL.	83,309	14,279	418,380	20,959	501,689	35,238

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON THE LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

LANDINGS OF CERTAIN SHELLFISH, 1966

(NUMBER AND BUSHELS)

SPECIES		MARYLAND		VIRGINIA		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:							
HARD.	NUMBER	72,894,720	$ 2,213,968	190,518,660	$3,638,309	263,413,380	$5,852,277
SOFT AND PEELER	DO	7,536,400	725,357	5,476,800	377,999	13,013,200	1,103,356
CLAMS:							
HARD:	U.S. STANDARD BUSHELS						
PUBLIC. . . .		21,475	95,894	211,000	910,216	232,475	1,006,110
PRIVATE . . .		-	-	21,463	100,184	21,463	100,184
SOFT:							
PUBLIC. . . .	DO	583,908	1,649,563	-	-	583,908	1,649,563
PRIVATE . . .	DO	-	-	33,175	86,715	33,175	86,715
SURF.	DO	3,741	5,534	-	-	3,741	5,534
CONCHS.	DO	2,060	7,249	25,610	75,872	27,670	83,121
OYSTERS, MARKET:							
PUBLIC:							
SPRING. . . .	DO	514,444	1,728,269	329,310	1,009,239	843,754	2,737,508
FALL.	DO	1,627,971	5,095,828	633,790	2,149,930	2,261,761	7,245,758
PRIVATE:							
SPRING. . . .	DO	166,471	708,405	682,779	2,089,981	849,250	2,798,386
FALL.	DO	124,173	516,035	404,541	1,244,832	528,714	1,760,867
SCALLOPS, SEA . .	DO	-	-	383,317	918,913	383,317	918,913

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1966

SPECIES		MARYLAND	VIRGINIA
		QUANTITY	QUANTITY
CRABS, BLUE:			
HARD.	NUMBER PER POUND	2.40	2.99
SOFT AND PEELER	DO	4.00	5.33
CLAMS:	POUNDS OF MEATS PER U.S. STANDARD BUSHEL		
HARD:			
PUBLIC. . . .		8.00	8.00
PRIVATE . . .	DO	-	8.00
SOFT:			
PUBLIC. . . .	DO	12.00	-
PRIVATE . . .	DO	-	12.00
SURF.	DO	17.00	-
CONCHS.	DO	20.00	20.00
OYSTERS, MARKET:			
PUBLIC:			
SPRING. . . .	DO	4.68	4.35
FALL.	DO	4.88	5.32
PRIVATE:			
SPRING. . . .	DO	4.93	4.21
FALL.	DO	4.96	4.36
SCALLOPS, SEA . .	DO	-	6.00

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

PROCESSED FISHERY PRODUCTS, 1966

ITEM		MARYLAND		VIRGINIA	
		QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:					
CANNED:					
FISH	STANDARD CASES	(1)	(1)	89,939	$357,442
ROE	DO	-	-	22,893	286,690
ANIMAL FOOD	DO	-	-	(1)	(1)
SALTED AND PICKLED	POUNDS	155,000	$11,625	2,037,250	277,311
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1,000 POUNDS	-	-	(1)	(1)
SOLUBLES	TONS	-	-	(1)	(1)
ANCHOVY PASTE, CANNED	STANDARD CASES	(1)	(1)	-	-
BUTTERFISH, SMOKED	POUNDS	(1)	(1)	-	-
CARP, SMOKED	DO	(1)	(1)	-	-
COD SPECIALTIES, FROZEN (CAKES)	DO	-	-	(1)	(1)
FLOUNDERS:					
FILLETS:					
FRESH AND FROZEN	DO	-	-	(1)	(1)
BREADED, RAW	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN (BREADED, WHOLE, STUFFED)	DO	(1)	(1)	(1)	(1)
HALIBUT STEAKS, FROZEN	DO	-	-	(1)	(1)
HERRING, SEA:					
SPECIALTIES, CURED AND REFRIGERATED (BISMARKS, PARTY SNACKS, ETC.)	DO	(1)	(1)	-	-
SALTED	DO	(1)	(1)	-	-
SMOKED	DO	(1)	(1)	-	-
MACKEREL FILLETS, SALTED	DO	(1)	(1)	-	-
MENHADEN:					
MEAL AND SCRAP	TONS	-	-	27,407	3,952,086
OIL	1,000 POUNDS	-	-	23,510	1,449,713
SOLUBLES	TONS	-	-	19,009	1,239,301
OCEAN PERCH FILLETS:					
FRESH	POUNDS	-	-	(1)	(1)
BREADED, RAW FROZEN	DO	-	-	(1)	(1)
POLLOCK FILLETS, FRESH	DO	-	-	(1)	(1)
SABLEFISH, SMOKED	DO	(1)	(1)	-	-
SALMON:					
STEAKS, FROZEN	DO	-	-	(1)	(1)
SMOKED	DO	(1)	(1)	-	-
SEA TROUT, DRESSED FROZEN	DO	-	-	(1)	(1)
SHAD, SMOKED	DO	(1)	(1)	-	-
STRIPED BASS FILLETS, FROZEN	DO	-	-	(1)	(1)
SWORDFISH STEAKS, FROZEN	DO	-	-	(1)	(1)
TUNA:					
SPECIALTIES, FROZEN (PIES AND WITH NOODLES)	DO	-	-	(1)	(1)
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (SALAD MIX)	DO	(1)	(1)	-	-
ANIMAL FOOD	DO	(1)	(1)	-	-
WHITEFISH, SMOKED	POUNDS	(1)	(1)	-	-
CRABS:					
BLUE:					
FRESH AND FROZEN:					
COOKED MEAT	DO	4,333,056	4,951,045	4,537,510	5,035,208
SPECIALTIES:					
COCKTAILS (REFRIGERATED)	DO	(1)	(1)	-	-
BREADED, RAW AND COOKED:					
CAKES	DO	282,614	262,889	334,831	273,790
DEVILED	DO	716,986	493,468	339,793	233,838
OTHER (CUTLETS, IMPERIAL, SOFT SHELL, AND STICKS)	DO	306,709	218,210	-	-
CANNED (SOUP)	STANDARD CASES	(1)	(1)	-	-
MEAL AND SCRAP	TONS	3,980	199,368	4,807	240,010
KING, SPECIALTIES, FROZEN (CAKES)	POUNDS	-	-	(1)	(1)
LOBSTER SOUP, CANNED	STANDARD CASES	(1)	(1)	-	-
SHRIMP:					
BREADED, RAW, FROZEN	POUNDS	-	-	(1)	(1)
SPECIALTIES:					
FRESH, COCKTAILS (REFRIGERATED)	DO	(1)	(1)	-	-
OTHER, FROZEN (CREAMED, BURGERS, STUFFED, ETC.)	DO	(1)	(1)	(1)	(1)
CANNED (SOUP)	STANDARD CASES	(1)	(1)	-	-
CLAMS:					
FRESH AND FROZEN:					
SHUCKED:					
HARD	GALLONS	-	-	(1)	(1)
SOFT	DO	612,616	3,509,624	22,740	110,477
SURF	DO	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		MARYLAND		VIRGINIA	
		QUANTITY	VALUE	QUANTITY	VALUE
CLAMS - CONTINUED:					
FRESH AND FROZEN:					
SPECIALTIES, FROZEN:					
BREADED, RAW AND COOKED	POUNDS	878,731	$875,694	24,573	$22,964
OTHER (CHIPS, STUFFED AND CAKES)	DO	(1)	(1)	(1)	(1)
CANNED (CHOWDER AND IN SHELL)	STANDARD CASES	(1)	(1)	(1)	(1)
CONCHS, STEAMED, FRESH	POUNDS	-	-	(1)	(1)
OYSTERS:					
FRESH AND FROZEN:					
SHUCKED	GALLONS	750,874	6,180,558	1,186,042	9,468,705
STEAMED	POUNDS	-	-	697,200	1,527,000
BREADED, RAW AND COOKED	DO	86,480	96,821	807,468	819,514
SHELL, GRIT AND LIME	TONS	(1)	(1)	(1)	(1)
SCALLOPS, SEA, BREADED, RAW AND COOKED	POUNDS	(1)	(1)	573,096	477,595
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED FISH:					
STICKS, BREADED:					
RAW	DO	(1)	(1)	368,245	145,917
COOKED	DO	(1)	(1)	-	-
PORTIONS:					
RAW:					
NOT BREADED	DO	(1)	(1)	-	-
BREADED	DO	(1)	(1)	226,225	83,006
BREADED AND COOKED	DO	(1)	(1)	-	-
FISH AND SHELLFISH	DO	26,809,246	11,025,828	8,266,448	2,204,570
CANNED	STANDARD CASES	289,490	3,986,593	(2)	(2)
CURED	POUNDS	6,817,836	4,075,836	-	-
INDUSTRIAL	-	-	1,049,839	-	420,596
TOTAL	-	-	36,937,398	-	28,625,733

1/ INCLUDED IN UNCLASSIFIED ITEMS.

2/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH.

NOTE:--SOME PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1966

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	31,324
FROZEN	16,110
CANNED	5,213
CURED	4,365
INDUSTRIAL	8,551
TOTAL	65,563

VALUE OF PROCESSED PRODUCTS, BY STATES, 1966

(THOUSANDS OF DOLLARS)

STATE	VALUE
MARYLAND	36,937
VIRGINIA	28,626
TOTAL	65,563

WHOLESALING AND PROCESSING, 1966

ITEM	MARYLAND	VIRGINIA	TOTAL
WHOLESALING AND MANUFACTURING:	NUMBER	NUMBER	NUMBER
ESTABLISHMENTS	283	304	587
PERSONS ENGAGED:			
AVERAGE FOR SEASON	5,165	5,233	10,398
AVERAGE FOR YEAR	3,809	3,109	6,918

MARYLAND

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, FISH	POUND NETS	
				FISH	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	124	22	65	117	-
ON BOATS AND SHORE:					
REGULAR	220	-	2	162	60
CASUAL	140	-	-	42	-
TOTAL	484	22	67	321	60
VESSELS, MOTOR	23	1	22	22	-
GROSS TONNAGE	220	140	779	186	-
BOATS:					
MOTOR	89	1	1	51	35
OTHER	109	1	-	83	-
GEAR:					
NUMBER	106	1	23	237	210
LENGTH, YARDS	47,250	375	-	-	-
YARDS AT MOUTH	-	-	577	-	-

ITEM	FYKE AND HOOP NETS, FISH	POTS AND TRAPS				GILL NETS
		CRAB	EEL	FISH	TURTLE	ANCHOR, SET OR STAKE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	6	187	-	2	-	218
ON BOATS AND SHORE:						
REGULAR	58	518	152	3	26	735
CASUAL	28	166	46	2	6	642
TOTAL	92	871	198	7	32	1,595
VESSELS, MOTOR	4	163	-	1	-	111
GROSS TONNAGE	48	1,300	-	14	-	1,059
BOATS:						
MOTOR	57	642	158	5	27	908
OTHER	-	-	-	-	-	58
GEAR:						
NUMBER	377	82,750	7,491	840	301	1,627
SQUARE YARDS	-	-	-	-	-	1,956,190

ITEM	GILL NETS - CONTINUED	LINES			DIP NETS, COMMON	SCRAPES
	DRIFT	HAND	LONG OR SET WITH HOOKS	TROT WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	147	-	-	91	-	-
ON BOATS AND SHORE:						
REGULAR	248	10	9	1,314	-	158
CASUAL	350	161	4	1,499	59	-
TOTAL	745	171	13	2,904	59	158
VESSELS, MOTOR	73	-	-	88	-	-
GROSS TONNAGE	742	-	-	712	-	-
BOATS:						
MOTOR	396	61	9	2,555	9	157
OTHER	-	-	-	-	45	-
GEAR:						
NUMBER	506	841	9	2,904	59	313
SQUARE YARDS	929,200	-	-	-	-	-
YARDS AT MOUTH	-	-	-	-	-	328
HOOKS OR BAITS	-	841	3,300	993,425	-	-

(CONTINUED ON NEXT PAGE)

MARYLAND - OPERATING UNITS BY GEAR, 1966 - Continued

ITEM	DREDGES		TONGS		BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	OYSTER, COMMON	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	167	297	280	12	-	1,222
ON BOATS AND SHORE:						
REGULAR	197	67	2,647	36	14	3,903
CASUAL.	5	-	1,054	34	16	3,896
TOTAL.	369	364	3,981	82	30	9,021
VESSELS:						
MOTOR	85	17	238	12	-	493
GROSS TONNAGE	776	174	1,942	107	-	4,905
SAIL.	-	43	-	-	-	43
GROSS TONNAGE	-	551	-	-	-	551
TOTAL VESSELS.	85	60	238	12	-	536
TOTAL GROSS TONNAGE. .	776	725	1,942	107	-	5,456
BOATS:						
MOTOR	126	29	3,185	64	-	6,360
OTHER	-	-	-	-	-	274
GEAR:						
NUMBER.	211	146	3,981	82	-	-
YARDS AT MOUTH.	212	164	-	-	-	-

MARYLAND - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS, FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	6,100	$109	-	-	-	-
BLUEFISH.	1,700	152	-	-	2,700	$183
BUTTERFISH.	-	-	-	-	118,800	7,020
CARP.	125,800	3,047	-	-	-	-
CATFISH AND BULLHEADS . . .	30,500	2,468	-	-	-	-
COD	-	-	-	-	2,600	298
CROAKER	200	43	-	-	500	101
DRUM, BLACK	-	-	-	-	500	15
EEL, COMMON	700	42	-	-	-	-
FLOUNDERS:						
BLACKBACK	1,000	46	-	-	63,200	1,614
FLUKE	200	36	-	-	618,600	120,065
UNCLASSIFIED.	-	-	-	-	900	42
HAKE, RED	-	-	-	-	22,600	662
HERRING, SEA.	-	-	-	-	7,100	72
KING WHITING OR "KINGFISH".	-	-	-	-	4,400	390
MACKEREL, ATLANTIC.	-	-	-	-	1,800	118
MENHADEN.	12,000	247	2,855,000	$72,825	-	-
PIKE OR PICKEREL.	100	20	-	-	-	-
SCUP OR PORGY	-	-	-	-	239,900	18,450
SEA BASS.	-	-	-	-	91,200	8,277
SEA ROBIN	-	-	-	-	455,500	4,167
SEA TROUT OR WEAKFISH, GRAY	100	20	-	-	144,800	8,955
SHAD.	100	12	-	-	200	14
SHARKS:						
GRAYFISH.	-	-	-	-	14,700	587
UNCLASSIFIED.	-	-	-	-	107,100	3,212
SPOT.	2,800	188	-	-	700	20
STRIPED BASS.	255,900	43,348	-	-	49,400	13,358
STURGEON, COMMON.	-	-	-	-	14,200	1,541
SUNFISH	100	5	-	-	-	-
SWELLFISH	200	4	-	-	7,100	196
TAUTOG.	-	-	-	-	300	8
WHITE PERCH	139,400	14,421	-	-	-	-
WHITING	-	-	-	-	27,600	1,257
YELLOW PERCH.	26,900	3,329	-	-	-	-
UNCLASSIFIED:						
FOR FOOD.	-	-	-	-	2,900	193
BAIT, REDUCTION, AND ANIMAL FOOD.	-	-	-	-	12,878,100	87,805
LOBSTERS, NORTHERN.	-	-	-	-	3,700	1,809
CONCHS.	-	-	-	-	40,000	7,066
SQUID	-	-	-	-	62,200	6,222
TERRAPIN.	300	60	-	-	-	-
TOTAL	604,100	67,597	2,855,000	72,825	14,983,300	[illegible]

(CONTINUED ON NEXT PAGE)

MARYLAND - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	POUND NETS				FYKE AND HOOP NETS, FISH	
	FISH		CRAB			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	1,269,000	$22,649	-	-	4,300	$77
BLUEFISH	11,900	1,067	-	-	-	-
BUTTERFISH	12,200	1,454	-	-	-	-
CARP	3,000	72	-	-	6,900	186
CATFISH AND BULLHEADS	46,000	3,726	-	-	106,900	8,729
CRAPPIE	-	-	-	-	4,100	203
CROAKER	100	22	-	-	-	-
DRUM:						
BLACK	89,100	5,324	-	-	-	-
RED	200	18	-	-	-	-
EEL, COMMON	8,200	489	-	-	400	24
FLOUNDERS:						
BLACKBACK	12,800	589	-	-	500	23
FLUKE	9,600	1,742	-	-	1,100	200
GIZZARD SHAD	4,200	78	-	-	-	-
HOGCHOKER	2,700	54	-	-	-	-
MACKEREL, SPANISH	400	72	-	-	-	-
MENHADEN	2,606,000	52,300	-	-	-	-
PIKE OR PICKEREL	200	40	-	-	3,300	712
SEA TROUT OR WEAKFISH, GRAY	4,900	965	-	-	-	-
SHAD	51,900	6,072	-	-	-	-
SPOT	300	21	-	-	-	-
STRIPED BASS	201,500	35,495	-	-	3,000	529
STURGEON, COMMON	300	39	-	-	-	-
SUCKERS	100	2	-	-	600	14
SUNFISH	-	-	-	-	1,100	59
SWELLFISH	371,300	7,769	-	-	-	-
WHITE PERCH	130,800	13,552	-	-	57,200	6,034
YELLOW PERCH	3,400	421	-	-	83,600	10,298
CRABS, BLUE:						
HARD	-	-	40,700	$2,971	-	-
SOFT AND PEELER	-	-	189,400	72,919	-	-
TERRAPIN	500	150	-	-	-	-
TOTAL	4,840,600	154,182	230,100	75,890	273,000	27,088

SPECIES	POTS AND TRAPS							
	CRAB		EEL		FISH		TURTLE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	-	-	-	-	400	$11	-	-
CATFISH AND BULLHEADS	-	-	-	-	99,200	7,937	-	-
EEL, COMMON	-	-	195,200	$22,249	16,200	1,782	-	-
HAKE, RED	-	-	-	-	5,700	132	-	-
SEA BASS	-	-	-	-	120,700	20,859	-	-
SWELLFISH	2,149,200	$45,695	-	-	-	-	-	-
WHITE PERCH	-	-	-	-	400	36	-	-
UNCLASSIFIED, FOR FOOD	-	-	-	-	300	10	-	-
CRABS, BLUE:								
HARD	16,187,700	1,178,545	-	-	-	-	-	-
SOFT AND PEELER	189,600	72,993	-	-	-	-	-	-
LOBSTERS, NORTHERN	-	-	-	-	4,500	2,575	-	-
TURTLES, SNAPPER	-	-	-	-	-	-	34,900	$5,249
TOTAL	18,526,500	1,297,233	195,200	22,249	247,400	33,342	34,900	5,249

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		DRIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	129,100	$2,317	24,500	$434	-	-
BLUEFISH	400	30	200	31	-	-
BUTTERFISH	-	-	100	12	-	-
CARP	13,700	327	8,700	207	-	-
CATFISH AND BULLHEADS	57,200	4,629	8,900	722	-	-
CRAPPIE	500	29	-	-	-	-
DRUM, BLACK	300	18	-	-	-	-
EEL, COMMON	1,500	132	-	-	-	-
FLOUNDERS:						
BLACKBACK	13,200	614	-	-	-	-
FLUKE	100	18	-	-	-	-
GIZZARD SHAD	11,900	205	-	-	-	-
HERRING, SEA	-	-	1,700	17	-	-
HICKORY SHAD	8,000	398	300	15	-	-
KING WHITING OR "KINGFISH"	200	18	-	-	-	-
MACKEREL, ATLANTIC	-	-	36,400	2,901	-	-

(CONTINUED ON NEXT PAGE)

MARYLAND - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	GILL NETS				LINES	
	ANCHOR, SET OR STAKE		DRIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MENHADEN	31,500	$655	-	-	-	-
MULLET, BLACK (LISA)	100	6	-	-	-	-
PIKE OR PICKEREL	2,200	462	-	-	-	-
SHAD	865,300	100,899	216,100	$25,031	-	-
SHARKS, UNCLASSIFIED	400	4	100	1	-	-
SPOT	300	16	-	-	-	-
STRIPED BASS	1,755,800	309,744	898,800	158,084	182,500	$43,570
SUNFISH	3,800	203	200	11	-	-
WHITE PERCH	948,700	97,095	448,300	46,997	22,500	3,121
WHITING	-	-	1,000	26	-	-
YELLOW PERCH	77,800	10,723	8,300	1,071	-	-
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD	-	-	13,500	235	-	-
TURTLES, SNAPPER	-	-	-	-	22,800	3,415
TOTAL	3,922,000	528,542	1,667,100	235,795	227,800	50,106

SPECIES	LINES - CONTINUED				DIP NETS, COMMON	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	13,600	$1,098	-	-	-	-
CRABS, BLUE:						
HARD	-	-	14,051,300	$1,025,650	6,400	$472
SOFT AND PEELER	-	-	134,800	51,878	11,800	4,544
TERRAPIN	-	-	-	-	500	190
TOTAL	13,600	1,098	14,186,100	1,077,528	18,700	5,206

SPECIES	SCRAPES		DREDGES			
			CLAM		OYSTER, COMMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:						
HARD	86,700	$6,330	-	-	-	-
SOFT AND PEELER	1,358,500	523,023	-	-	-	-
CLAMS:						
HARD, PUBLIC	-	-	89,300	$51,452	-	-
SOFT, PUBLIC	-	-	7,006,900	1,649,563	-	-
SURF	-	-	63,600	5,534	-	-
CONCHS	-	-	1,200	183	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	-	-	438,800	$345,633
FALL	-	-	-	-	1,146,800	789,876
PRIVATE:						
SPRING	-	-	-	-	604,800	555,042
FALL	-	-	-	-	565,600	482,534
TERRAPIN	6,500	2,458	-	-	-	-
TOTAL	1,451,700	531,811	7,161,000	1,706,732	2,756,000	2,173,085

SPECIES	TONGS				BY HAND	
	OYSTER		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	70,300	$37,646	12,200	$6,796
OYSTERS, MARKET:						
PUBLIC:						
SPRING	1,968,800	$1,382,636	-	-	-	-
FALL	6,797,700	4,305,952	-	-	-	-
PRIVATE:						
SPRING	215,900	153,363	-	-	-	-
FALL	50,300	33,501	-	-	-	-
TOTAL	9,032,700	5,875,452	70,300	37,646	12,200	6,796

CHESAPEAKE FISHERIES

VIRGINIA

VIRGINIA - OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, FISH	POUND NETS		FYKE AND HOOP NETS, FISH	POTS AND TRAPS
				FISH	CRAB		CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	190	478	282	474	-	-	368
ON BOATS AND SHORE:							
REGULAR	332	-	2	863	226	98	793
CASUAL	165	-	-	485	195	75	308
TOTAL	687	478	284	1,822	421	173	1,469
VESSELS, MOTOR	39	41	66	91	-	-	214
GROSS TONNAGE	370	10,643	4,137	995	-	-	1,543
BOATS:							
MOTOR	231	82	1	339	392	134	1,017
OTHER	125	-	-	409	-	21	-
GEAR:							
NUMBER	160	41	67	1,000	2,605	361	130,972
LENGTH, YARDS	116,230	15,436	-	-	-	-	-
YARDS AT MOUTH	-	-	1,826	-	-	-	-

ITEM	POTS AND TRAPS - CONTINUED			GILL NETS			LINES
	EEL	FISH	TURTLE	ANCHOR, SET OR STAKE	DRIFT		HAND
					SHAD	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	9	2	-	113	-	119	6
ON BOATS AND SHORE:							
REGULAR	70	103	3	585	163	320	21
CASUAL	50	88	8	422	198	335	50
TOTAL	129	193	11	1,120	361	774	77
VESSELS, MOTOR	4	1	-	55	-	55	2
GROSS TONNAGE	33	11	-	471	-	546	26
BOATS:							
MOTOR	112	157	8	832	213	409	49
OTHER	4	14	3	48	7	3	6
GEAR:							
NUMBER	2,875	5,279	201	1,541	274	549	960
SQUARE YARDS	-	-	-	809,482	228,400	410,550	-
HOOKS OR BAITS	-	-	-	-	-	-	960

ITEM	LINES - CONTINUED		DIP NETS, COMMON	SCRAPES	DREDGES		
	LONG OR SET WITH HOOKS	TROT WITH BAITS			CLAM	CONCH	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	33	-	-	2	17	42	410
ON BOATS AND SHORE:							
REGULAR	18	53	46	20	68	2	12
CASUAL	27	22	72	12	16	-	-
TOTAL	78	75	118	34	101	44	422
VESSELS, MOTOR	5	-	-	1	7	17	150
GROSS TONNAGE	517	-	-	7	66	301	3,157
BOATS:							
MOTOR	43	72	118	32	57	1	6
OTHER	1	-	-	-	-	-	-
GEAR:							
NUMBER	51	72	118	60	65	34	298
YARDS AT MOUTH	-	-	-	71	66	57	537
HOOKS OR BAITS	11,830	42,650	-	-	-	-	-

ITEM	DREDGES - CONTINUED		TONGS		RAKES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON	SCALLOP, SEA	OYSTER	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	310	280	825	169	-	-	3,241
ON BOATS AND SHORE:							
REGULAR	251	-	2,489	558	224	207	4,207
CASUAL	110	-	673	234	134	109	2,402
TOTAL	671	280	3,967	961	358	316	9,850
VESSELS, MOTOR	128	25	361	83	-	-	945
GROSS TONNAGE	1,261	2,877	2,738	609	-	-	25,355
BOATS:							
MOTOR	180	-	1,821	465	234	-	3,712
OTHER	-	-	10	74	44	-	516
GEAR:							
NUMBER	385	50	3,987	961	358	-	-
YARDS AT MOUTH	433	175	-	-	-	-	-

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS, FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	3,058,000	$55,686	-	-	-	-
ANGLERFISH	-	-	-	-	5,400	$69
BLUEFISH	65,900	6,710	-	-	15,700	1,704
BONITO	900	90	-	-	-	-
BUTTERFISH	259,900	18,810	-	-	1,004,600	75,210
CABIO	2,100	186	-	-	-	-
CARP	312,200	9,574	-	-	-	-
CATFISH AND BULLHEADS	99,100	10,897	-	-	-	-
COD	-	-	-	-	1,000	100
CROAKER	522,100	68,078	-	-	102,800	12,875
DRUM:						
BLACK	50,500	1,200	-	-	2,300	84
RED	1,400	115	-	-	-	-
EEL, COMMON	44,000	4,786	-	-	-	-
FLOUNDERS:						
BLACKBACK	10,600	483	-	-	34,400	1,610
FLUKE	76,000	15,054	-	-	1,985,400	403,204
YELLOWTAIL	-	-	-	-	100	5
UNCLASSIFIED	-	-	-	-	100	14
GIZZARD SHAD	18,000	246	-	-	-	-
HAKE, RED	-	-	-	-	100	3
HARVESTFISH	50,400	6,276	-	-	-	-
HERRING, SEA	21,800	256	-	-	-	-
HICKORY SHAD	5,300	171	-	-	-	-
KING WHITING OR "KINGFISH"	12,300	1,126	-	-	20,900	2,022
MACKEREL:						
ATLANTIC	2,600	284	-	-	17,900	1,241
KING	2,500	374	-	-	-	-
SPANISH	31,700	5,021	-	-	-	-
MENHADEN	4,532,300	75,758	249,371,300	$3,940,066	-	-
MULLET, BLACK (LISA)	500	45	-	-	1,400	140
PIGFISH	700	39	-	-	-	-
SCUP OR PORGY	-	-	-	-	8,197,900	812,337
SEA BASS	4,100	456	-	-	1,619,100	169,314
SEA TROUT OR WEAKFISH:						
GRAY	316,900	29,129	-	-	20,000	1,802
SPOTTED	5,600	1,610	-	-	-	-
SHAD	2,100	204	-	-	-	-
SHARKS:						
GRAYFISH	16,600	409	-	-	31,400	1,121
UNCLASSIFIED	3,000	93	-	-	5,900	120
SPOT	497,800	48,587	-	-	12,100	1,203
STRIPED BASS	696,500	126,776	-	-	31,500	6,246
STURGEON, COMMON	200	25	-	-	11,100	1,389
SWELLFISH	1,145,700	14,869	-	-	53,300	1,492
TAUTOG	-	-	-	-	700	32
TILEFISH	-	-	-	-	400	23
TUNA, LITTLE	200	3	-	-	-	-
WHITE PERCH	280,800	28,279	-	-	-	-
WHITING	-	-	-	-	8,600	453
YELLOW PERCH	800	80	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	7,500	881	-	-	8,600	1,142
BAIT, REDUCTION AND ANIMAL FOOD	56,400	532	-	-	1,917,400	11,235
LOBSTERS, NORTHERN	-	-	-	-	24,500	10,044
CONCHS	-	-	-	-	35,400	5,143
SQUID	-	-	-	-	364,200	16,250
TOTAL	12,215,000	533,198	249,371,300	3,940,066	15,534,200	1,537,627

SPECIES	POUND NETS				FYKE AND HOOP NETS, FISH	
	FISH		CRAB			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	24,230,900	$409,744	-	-	1,240,100	$22,471
BLUEFISH	144,700	13,713	-	-	-	-
BONITO	1,500	154	-	-	-	-
BUTTERFISH	771,600	57,660	-	-	-	-
CABIO	500	58	-	-	-	-
CARP	47,700	1,544	-	-	86,100	2,814
CATFISH AND BULLHEADS	114,600	14,358	-	-	256,100	30,420
CROAKER	673,600	90,922	-	-	-	-
DRUM:						
BLACK	229,900	8,717	-	-	-	-
RED	700	59	-	-	-	-
EEL, COMMON	100,800	17,280	-	-	29,800	3,152

(CONTINUED ON NEXT PAGE)

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	POUND NETS				FYKE AND HOOP NETS, FISH	
	FISH		CRAB			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
BLACKBACK	170,500	$8,300	-	-	3,200	$145
FLUKE	225,500	46,133	-	-	1,500	268
GARFISH	-	-	-	-	100	2
GIZZARD SHAD	4,700	63	-	-	3,800	50
HARVESTFISH	75,200	9,438	-	-	-	-
HERRING, SEA	53,200	727	-	-	-	-
HICKORY SHAD	27,500	1,000	-	-	2,200	85
KING WHITING OR "KINGFISH"	11,900	921	-	-	-	-
MACKEREL:						
ATLANTIC	3,400	375	-	-	-	-
KING	4,700	695	-	-	-	-
SPANISH	110,200	17,892	-	-	-	-
MENHADEN	17,064,900	284,884	-	-	1,422,000	23,977
MULLET, BLACK (LISA)	1,000	87	-	-	-	-
PIGFISH	5,700	304	-	-	-	-
SCUP OR PORGY	25,500	2,259	-	-	-	-
SEA BASS	100	14	-	-	-	-
SEA ROBIN	13,000	130	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	660,000	60,016	-	-	-	-
SPOTTED	6,200	1,845	-	-	-	-
SHAD	1,571,200	140,031	-	-	41,600	4,304
SHARKS, GRAYFISH	22,900	525	-	-	-	-
SPOT	346,400	29,449	-	-	-	-
STRIPED BASS	1,032,100	197,481	-	-	177,900	34,857
STURGEON, COMMON	1,600	283	-	-	100	18
SWELLFISH	4,271,100	63,846	-	-	-	-
TAUTOG	100	4	-	-	-	-
TUNA, LITTLE	200	5	-	-	-	-
WHITE PERCH	148,800	15,976	-	-	157,000	15,847
YELLOW PERCH	3,300	330	-	-	13,100	1,308
UNCLASSIFIED:						
FOR FOOD	24,300	3,207	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	1,120,400	13,456	-	-	-	-
CRABS, BLUE:						
HARD	34,700	2,080	1,851,300	$108,538	-	-
SOFT AND PEELER	-	-	418,600	152,007	-	-
CONCHS	6,000	888	-	-	-	-
TOTAL	53,362,800	1,516,853	2,269,900	260,545	3,434,600	139,718

SPECIES	POTS AND TRAPS							
	CRAB		EEL		FISH		TURTLE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	-	-	-	-	8,600	$229	-	-
CATFISH AND BULLHEADS	-	-	-	-	630,300	82,153	-	-
EEL, COMMON	-	-	292,600	$62,870	1,700	185	-	-
PIGFISH	-	-	-	-	800	37	-	-
SEA BASS	-	-	-	-	261,700	44,169	-	-
STRIPED BASS	-	-	400	70	-	-	-	-
SWELLFISH	-	-	-	-	97,400	2,204	-	-
CRABS, BLUE:								
HARD	41,063,200	$2,456,983	-	-	-	-	-	-
SOFT AND PEELER	365,300	136,335	-	-	-	-	-	-
LOBSTERS, NORTHERN	-	-	-	-	8,000	6,998	-	-
CONCHS	19,800	2,935	-	-	-	-	-	-
TURTLES, SNAPPER	-	-	-	-	-	-	28,500	$5,989
TOTAL	41,448,300	2,596,253	293,000	62,940	1,008,500	135,975	28,500	5,989

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT			
			SHAD		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	5,500	$124	300	$5	-	-
BLUEFISH	15,200	1,559	-	-	-	-
BUTTERFISH	400	41	-	-	500	$66
CARP	6,200	199	-	-	-	-
CROAKER	90,700	12,509	800	100	73,200	9,219
DRUM, BLACK	94,300	5,690	-	-	11,800	708

(CONTINUED ON NEXT PAGE)

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT			
			SHAD		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
BLACKBACK	1,000	$97	-	-	-	-
FLUKE	400	80	-	-	8,500	$1,700
GIZZARD SHAD	3,000	37	-	-	-	-
HICKORY SHAD	3,300	134	3,000	$126	-	-
MACKEREL, ATLANTIC	-	-	-	-	754,200	85,657
MULLET, BLACK (LISA)	200	20	-	-	1,700	207
PIGFISH	500	23	-	-	-	-
SCUP OR PORGY	800	81	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	31,200	3,663	-	-	11,100	1,106
SHAD	476,300	43,848	339,900	30,610	-	-
SHARKS, GRAYFISH	2,900	109	-	-	407,000	14,470
SPOT	174,600	16,831	-	-	121,900	11,442
STRIPED BASS	810,800	150,526	41,000	7,980	12,900	2,507
STURGEON, COMMON	13,300	1,487	200	37	-	-
SWELLFISH	6,500	104	-	-	-	-
WHITE PERCH	55,300	5,340	-	-	-	-
WHITING	-	-	-	-	1,700	85
UNCLASSIFIED:						
FOR FOOD	1,100	96	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	4,400	86	-	-	9,900	197
TOTAL	1,797,900	242,684	385,200	38,858	1,414,400	127,364

SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	-	-	50,900	$5,758	-	-
COD	-	-	4,000	680	-	-
DRUM:						
BLACK	2,600	$200	-	-	-	-
RED	1,000	100	-	-	-	-
FLOUNDERS, FLUKE	5,600	1,099	-	-	-	-
SEA BASS	800	161	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	1,200	109	-	-	-	-
SHARKS:						
GRAYFISH	-	-	11,800	277	-	-
UNCLASSIFIED	-	-	4.500	102	-	-
SWORDFISH	-	-	88,500	40,793	-	-
TUNA, UNCLASSIFIED	-	-	7,500	696	-	-
CRABS, BLUE:						
HARD	-	-	-	-	5,387,000	$309,083
SOFT AND PEELER	-	-	-	-	27,200	10,216
TURTLES, SNAPPER	115,100	24,064	-	-	-	-
TOTAL	126,300	25,733	167,200	48,306	5,414,200	319,299

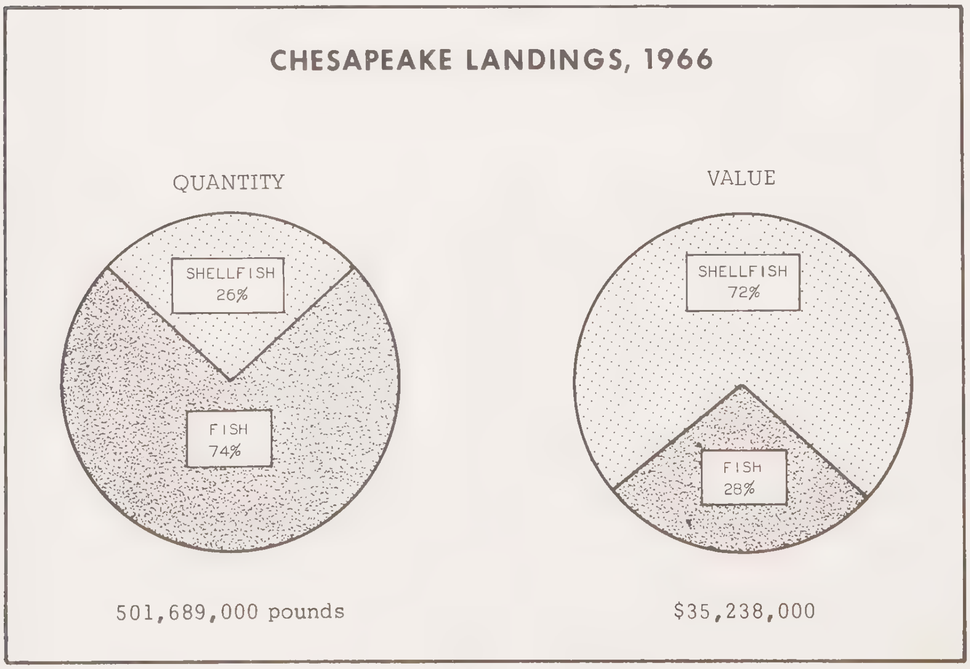
SPECIES	DIP NETS, COMMON		SCRAPES		DREDGES	
					CLAM	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:						
HARD	138,600	$8,292	10,400	$749	1,600	$65
SOFT AND PEELER	60,600	23,017	156,300	56,424	-	-
CLAMS:						
HARD, PUBLIC	-	-	-	-	436,200	227,477
SOFT, PRIVATE	-	-	-	-	398,100	86,715
TERRAPIN	-	-	1,300	414	3,400	1,088
TOTAL	199,200	31,309	168,000	57,587	839,300	315,345

(CONTINUED ON NEXT PAGE)

VIRGINIA - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	DREDGES - CONTINUED							
	CONCH		CRAB		OYSTER, COMMON		SCALLOP, SEA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, FLUKE.	-	-	-	-	-	-	40,200	$8,036
SEA BASS.	-	-	-	-	-	-	500	51
CRABS, BLUE, HARD	-	-	15,244,400	$752,519	-	-	-	-
CLAMS, HARD, PUBLIC	-	-	600	304	-	-	-	-
CONCHS.	197,400	$34,733	249,200	31,543	4,400	$630	-	-
OYSTERS, MARKET, PRIVATE:								
SPRING.	-	-	-	-	2,814,400	2,044,690	-	-
FALL.	-	-	-	-	1,729,300	1,219,458	-	-
SCALLOPS, SEA	-	-	-	-	-	-	2,299,900	918,913
TOTAL.	197,400	34,733	15,494,200	784,366	4,548,100	3,264,778	2,340,600	927,000

SPECIES	TONGS				RAKES		BY HAND	
	OYSTER		OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD:								
PUBLIC.	-	-	981,000	$537,367	176,800	$95,866	93,400	$49,202
PRIVATE	-	-	126,500	74,620	45,200	25,564	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING.	1,432,500	$1,009,239	-	-	-	-	-	-
FALL.	3,371,800	2,149,930	-	-	-	-	-	-
PRIVATE:								
SPRING.	60,100	45,291	-	-	-	-	-	-
FALL.	34,500	25,374	-	-	-	-	-	-
TOTAL.	4,898,900	3,229,834	1,107,500	611,987	222,000	121,430	93,400	49,202


CHESAPEAKE LANDINGS, 1966

CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1966

SPECIES	MARYLAND				VIRGINIA	
	OCEAN 1/		CHESAPEAKE BAY		OCEAN 1/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	1,433,000	$25,586	17,600	$300
ANGLERFISH	-	-	-	-	5,400	64
BLUEFISH	3,000	$217	13,900	1,246	39,900	4,116
BUTTERFISH	118,900	7,032	12,200	1,454	1,013,400	75,877
CARP	-	-	158,500	3,850	36,700	1,391
CATFISH AND BULLHEADS	-	-	362,300	29,309	28,100	2,975
COD	2,600	298	-	-	5,000	780
CRAPPIE	-	-	4,600	232	-	-
CROAKER	500	101	300	65	125,800	15,875
DRUM:						
BLACK	500	15	89,400	5,342	109,000	6,522
RED	-	-	200	18	1,300	125
EEL, COMMON	-	-	222,200	24,718	900	106
FLOUNDERS:						
BLACKBACK	63,200	1,614	27,500	1,272	36,800	1,817
FLUKE	618,600	120,065	11,000	1,996	2,056,900	417,485
YELLOWTAIL	-	-	-	-	100	5
UNCLASSIFIED	900	42	-	-	100	14
GIZZARD SHAD	-	-	16,100	283	200	2
HAKE, RED	28,300	794	-	-	100	3
HERRING, SEA	8,800	89	-	-	-	-
HICKORY SHAD	-	-	8,300	413	400	19
HOGCHOKER	-	-	2,700	54	-	-
KING WHITING OR "KINGFISH"	4,500	399	100	9	30,200	2,877
MACKEREL:						
ATLANTIC	38,200	3,019	-	-	772,100	86,898
SPANISH	-	-	400	72	-	-
MENHADEN	-	-	5,504,500	126,027	34,928,200	551,895
MULLET, BLACK (LISA)	100	6	-	-	1,600	160
PIGFISH	-	-	-	-	1,300	60
PIKE OR PICKEREL	-	-	5,800	1,234	-	-
SCUP OR PORGY	239,900	18,450	-	-	8,199,900	812,549
SEA BASS	211,900	29,136	-	-	1,886,100	214,135
SEA ROBIN	455,500	4,167	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	144,800	8,955	5,000	985	24,300	2,151
SPOTTED	-	-	-	-	200	60
SHAD	3,400	200	1,130,200	131,828	100,100	4,279
SHARKS:						
GRAYFISH	14,700	587	-	-	453,300	15,987
UNCLASSIFIED	107,300	3,215	300	2	10,400	222
SPOT	800	22	3,300	223	101,500	10,940
STRIPED BASS	50,100	13,498	3,296,800	590,630	54,000	10,482
STURGEON, COMMON	14,200	1,541	300	39	24,400	2,876
SUCKERS	-	-	700	16	-	-
SUNFISH	-	-	5,200	278	-	-
SWELLFISH	7,100	196	2,520,700	53,468	342,300	7,317
SWORDFISH	-	-	-	-	88,500	40,793
TAUTOG	300	8	-	-	700	32
TILEFISH	-	-	-	-	400	23
TUNA, UNCLASSIFIED	-	-	-	-	7,500	696
WHITE PERCH	500	32	1,746,800	181,224	53,500	5,900
WHITING	28,600	1,283	-	-	10,300	538
YELLOW PERCH	-	-	200,000	25,842	-	-
UNCLASSIFIED:						
FOR FOOD	3,200	203	-	-	12,200	1,464
BAIT, REDUCTION, AND ANIMAL FOOD	12,885,600	87,860	6,000	180	1,931,700	11,518
CRABS, BLUE:						
HARD	145,400	7,352	30,227,400	2,206,616	1,744,100	91,118
SOFT AND PEELER	1,500	578	1,882,600	724,779	54,500	18,833
LOBSTERS, NORTHERN	8,200	4,384	-	-	32,500	17,042
CLAMS:						
HARD, PUBLIC	146,100	81,352	25,700	14,542	1,240,200	652,319
SOFT, PUBLIC	-	-	7,006,900	1,649,563	-	-
SURF	63,600	5,534	-	-	-	-
CONCHS	41,200	7,249	-	-	36,200	5,253
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	2,407,600	1,728,269	28,500	25,767
FALL	-	-	7,944,500	5,095,828	44,200	29,874
PRIVATE:						
SPRING	145,700	239,179	675,000	469,226	380,200	341,800
FALL	103,500	181,230	512,400	334,805	676,600	454,966
SCALLOPS, SEA	-	-	-	-	2,299,900	918,913
SQUID	62,200	6,222	-	-	364,200	16,250
TERRAPIN	-	-	7,800	2,858	3,400	1,088
TURTLES, SNAPPER	-	-	57,700	8,664	3,300	694
TOTAL	15,773,400	836,124	67,535,900	13,443,045	59,420,200	4,890,257

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1966 - Continued

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	28,517,200	$487,730	17,600	$300	29,950,200	$513,316
ANGLERFISH	-	-	5,400	69	-	-
BLUEFISH	201,600	19,570	42,900	4,333	215,500	20,816
BONITO	2,400	244	-	-	2,400	244
BUTTERFISH	1,023,600	75,908	1,132,300	82,911	1,035,800	77,362
CABIO	2,600	244	-	-	2,600	244
CARP	424,100	12,969	36,700	1,391	582,600	16,819
CATFISH AND BULLHEADS	1,122,900	140,611	28,100	2,975	1,485,200	169,920
COD	-	-	7,600	1,078	-	-
CRAPPIE	-	-	-	-	4,600	232
CROAKER	1,337,400	177,828	126,300	15,976	1,337,700	177,893
DRUM:						
BLACK	282,400	10,077	109,500	6,537	371,800	15,419
RED	1,800	149	1,300	125	2,000	167
EEL, COMMON	468,000	88,167	900	106	690,200	112,885
FLOUNDERS:						
BLACKBACK	182,900	8,818	100,000	3,431	210,400	10,090
FLUKE	286,200	58,089	2,675,500	537,550	297,200	60,085
YELLOWTAIL	-	-	100	5	-	-
UNCLASSIFIED	-	-	1,000	56	-	-
GARFISH	100	2	-	-	100	2
GIZZARD SHAD	29,300	394	200	2	45,400	677
HAKE, RED	-	-	28,400	797	-	-
HARVESTFISH	125,600	15,714	-	-	125,600	15,714
HERRING, SEA	75,000	983	8,800	89	75,000	983
HICKORY SHAD	40,900	1,497	400	19	49,200	1,910
HOGCHOKER	-	-	-	-	2,700	54
KING WHITING OR "KINGFISH"	14,900	1,192	34,700	3,276	15,000	1,201
MACKEREL:						
ATLANTIC	6,000	659	810,300	89,917	6,000	659
KING	7,200	1,069	-	-	7,200	1,069
SPANISH	141,900	22,913	-	-	142,300	22,985
MENHADEN	237,462,300	3,772,790	34,928,200	551,895	242,966,800	3,898,817
MULLET, BLACK (LISA)	3,200	339	1,700	166	3,200	339
PIGFISH	6,400	343	1,300	60	6,400	343
PIKE OR PICKEREL	-	-	-	-	5,800	1,234
SCUP OR PORGY	24,300	2,128	8,439,800	830,999	24,300	2,128
SEA BASS	200	30	2,098,000	243,271	200	30
SEA ROBIN	13,000	130	455,500	4,167	13,000	130
SEA TROUT OR WEAKFISH:						
GRAY	1,016,100	93,674	169,100	11,106	1,021,100	94,659
SPOTTED	11,600	3,395	200	60	11,600	3,395
SHAD	2,331,000	209,718	103,500	9,479	3,461,200	341,546
SHARKS:						
GRAYFISH	39,300	924	468,000	16,574	39,300	924
UNCLASSIFIED	3,000	93	117,700	3,437	3,300	95
SPOT	1,051,300	96,572	102,300	10,962	1,054,600	96,795
STRIPED BASS	2,749,100	515,961	104,100	23,980	6,045,900	1,106,591
STURGEON, COMMON	2,100	363	38,600	4,417	2,400	402
SUCKERS	-	-	-	-	700	16
SUNFISH	-	-	-	-	5,200	278
SWELLFISH	5,231,700	75,198	349,400	7,513	7,752,400	128,666
SWORDFISH	-	-	88,500	40,793	-	-
TAUTOG	100	4	1,000	40	100	4
TILEFISH	-	-	400	23	-	-
TUNA:						
LITTLE	400	8	-	-	400	8
UNCLASSIFIED	-	-	7,500	696	-	-
WHITE PERCH	588,400	59,542	54,000	5,932	2,335,200	240,766
WHITING	-	-	38,900	1,821	-	-
YELLOW PERCH	17,200	1,718	-	-	217,200	27,560
UNCLASSIFIED:						
FOR FOOD	29,300	3,857	15,400	1,672	29,300	3,857
BAIT REDUCTION, AND ANIMAL FOOD	1,176,800	13,988	14,817,300	99,378	1,182,800	14,168
CRABS, BLUE:						
HARD	61,987,100	3,547,191	1,889,500	98,470	92,214,500	5,753,807
SOFT AND PEELER	973,500	359,166	56,000	19,411	2,856,100	1,083,945
LOBSTERS, NORTHERN	-	-	40,700	21,426	-	-
CLAMS:						
HARD:						
PUBLIC	447,800	257,897	1,386,300	733,671	473,500	272,439
PRIVATE	171,700	100,184	-	-	171,700	100,184
SOFT:						
PUBLIC	-	-	-	-	7,006,900	1,649,563
PRIVATE	398,100	86,715	-	-	398,100	86,715
SURF	-	-	63,600	5,534	-	-

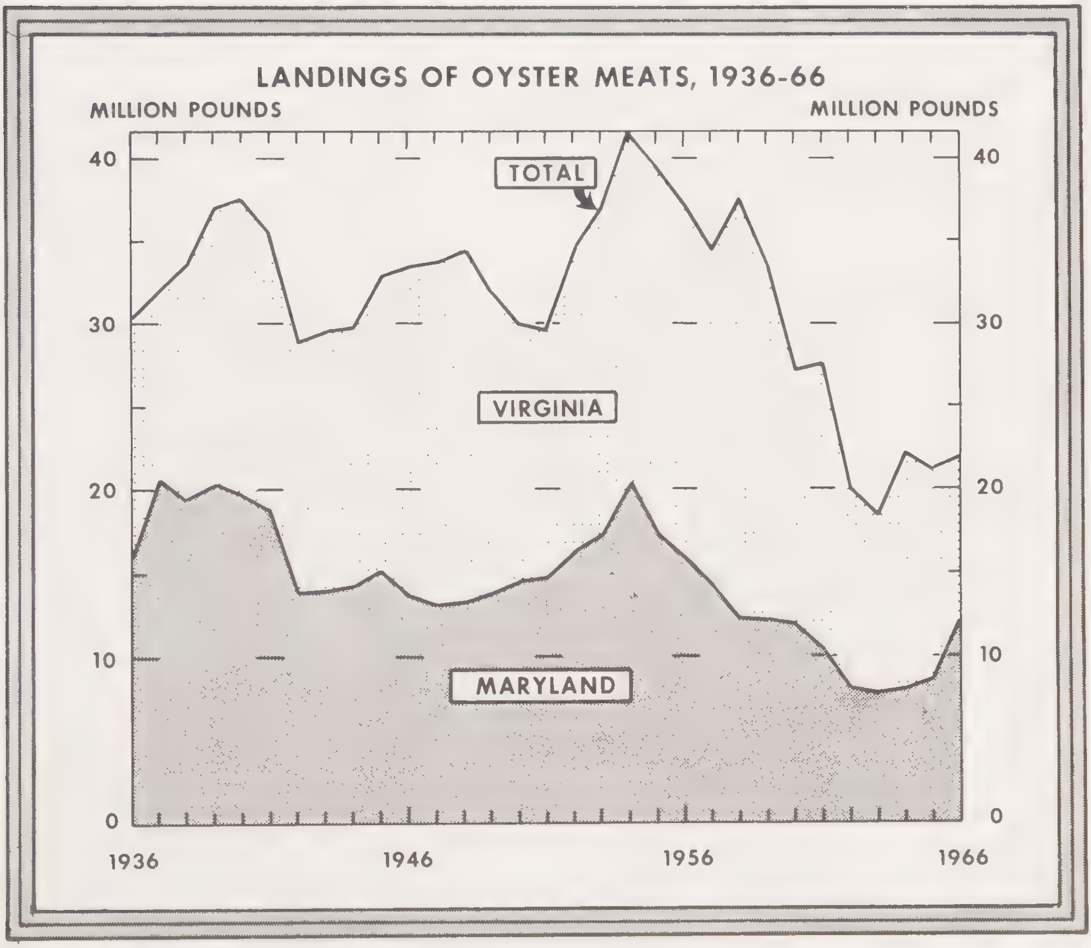
SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE STATES - LANDINGS OF CATCH BY WATERS, 1966 - Continued

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CONCHS	476,000	$70,619	77,400	$12,502	476,000	$70,619
OYSTERS, MARKET:						
PUBLIC:						
SPRING	1,404,000	983,472	28,500	25,767	3,811,600	2,711,741
FALL	3,327,600	2,120,056	44,200	29,874	11,272,100	7,215,884
PRIVATE:						
SPRING	2,494,300	1,748,181	525,900	580,979	3,169,300	2,217,407
FALL	1,087,200	789,866	780,100	636,196	1,599,600	1,124,671
SCALLOPS, SEA	-	-	2,299,900	918,913	-	-
SQUID	-	-	426,400	22,472	-	-
TERRAPIN	1,300	414	3,400	1,088	9,100	3,272
TURTLES, SNAPPER	140,300	29,359	3,300	694	198,000	38,023
TOTAL	358,959,700	16,068,722	75,193,600	5,726,381	426,495,600	29,511,767

1/ INCLUDES BAYS AND CREEKS, EXCLUSIVE OF CHESAPEAKE BAY, WHICH DRAIN INTO THE ATLANTIC OCEAN.


LANDINGS OF OYSTER MEATS, 1936-66

POTOMAC RIVER SHAD AND ALEWIFE FISHERY

Shad landings in the Potomac River numbered 102,105 fish weighing 242,900 pounds, worth $26,261 to the fishermen. This was a decline of 46 percent in number, 54 percent in poundage, and 51 percent in value compared with the previous year.

Landings of Potomac River alewives were 23,279,261 fish weighing 11,127,600 pounds, valued at $181,597. Compared with 1965, this was a decline of 8 percent in number and 3 percent in poundage, but a gain of 11 percent in value.

There were 417 fishermen in the Potomac River shad and alewife fisheries--46 less than in the previous year. Statistics on landings and operating units of these fisheries are included in landings and operating unit data for Maryland and Virginia.

SHAD

SUMMARY OF OPERATING UNITS AND LANDINGS, 1966

ITEM	MARYLAND			VIRGINIA			TOTAL		
OPERATING UNITS	NUMBER			NUMBER			NUMBER		
FISHERMEN:									
ON VESSELS	10			59			69		
ON BOATS AND SHORE:									
REGULAR.	32			162			194		
CASUAL	58			96			154		
TOTAL.	100			317			417		
VESSELS, MOTOR	5			14			19		
GROSS TONNAGE. . . .	42			129			171		
BOATS:									
MOTOR.	50			124			174		
OTHER.	15			40			55		
GEAR:									
POUND NETS	-			140			140		
GILL NETS:									
ANCHOR, SET OR STAKE	57			258			315		
SQUARE YARDS . .	209,400			153,200			362,600		
DRIFT.	1			14			15		
SQUARE YARDS . .	500			16,300			16,800		
LANDINGS	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
SHAD:									
POUND NETS	-	-	-	37,659	89,600	$9,096	37,659	89,600	$9,096
GILL NETS:									
ANCHOR, SET OR STAKE	38,110	90,700	$10,815	21,647	51,500	5,203	59,757	142,200	16,018
DRIFT.	469	1,100	133	4,220	10,000	1,014	4,689	11,100	1,147
TOTAL.	38,579	91,800	10,948	63,526	151,100	15,313	102,105	242,900	26,261
ALEWIVES:									
POUND NETS	-	-	-	23,261,667	11,119,100	181,452	23,261,667	11,119,100	181,452
GILL NETS:									
ANCHOR, SET OR STAKE	6,429	3,100	60	10,579	5,100	81	17,008	8,200	141
DRIFT.	-	-	-	586	300	4	586	300	4
TOTAL.	6,429	3,100	60	23,272,832	11,124,500	181,537	23,279,261	11,127,600	181,597

NOTE:--EXCLUDES TRIBUTARIES OF THE POTOMAC RIVER.

SECTION 5 - SOUTH ATLANTIC FISHERIES

Commercial landings of fish and shellfish at ports of the South Atlantic States (North Carolina, South Carolina, Georgia, and the East Coast of Florida) including the commercial catch from fresh-water areas of Florida, were 376.8 million pounds worth a record $27.1 million--an increase of 11.1 million pounds and $280,000 compared with 1965. The volume gain was caused principally by heavy winter landings of purse seined menhaden at North Carolina ports. The value increase was chiefly the result of record exvessel shrimp prices during most of the year. It was the second consecutive year for a value record in the South Atlantic States.

Exvessel value of landings reached an alltime high in both North Carolina and the East Coast of Florida. North Carolina landings of 250.9 million pounds worth $9.6 million were 17.0 million pounds and $330,000 greater than in 1965. Landings of 77.6 million pounds at East Coast of Florida ports increased 1.6 million, and the value of $9.4 million increased $936,000 compared with the previous year.

Landings in South Carolina (23.2 million pounds) and Georgia (16.0 million) decreased 3.4 and 4.0 million pounds, respectively, compared with 1965; the value of landings in South Carolina ($4.2 million) and Georgia ($3.9 million) also declined $729,000 and $257,000, respectively.

Fishermen and vessels. There were 10,594 fishermen in the South Atlantic area--94 less than in the previous year. In North Carolina, South Carolina, and Georgia the number of fishermen on vessels and regular fishermen in the boat and shore fishery declined. The number of casual fishermen increased, however, as men sought more steady employment in other industries and fished only on a part-time basis. Along the East Coast of Florida, the number of fishermen on vessels and in the boat and shore fishery increased. The commercial fisheries had 1,141 vessels, 5,998 motor boats, and 204 other boats. This fleet had an increase in 1966 of 19 vessels and 727 motor boats, but a decline of 276 other boats compared with the previous year.

Seventy-seven newly constructed vessels obtained first documents from the Bureau of Customs as fishing craft, but only 30 of them joined the South Atlantic States fleet. The others, nearly all shrimp vessels, entered either the Gulf States fisheries or U.S. flag operations out of ports in the Caribbean Sea.

Shrimp. Shrimp landings of 21.5 million pounds (heads-on) worth $10.8 million declined 4.7 million pounds (18 percent), but the value increased $654,000 (6 percent) compared with the previous year. The exvessel value increased mainly because the landings had more large shrimp than in 1965; these large shrimp brought record exvessel prices throughout the year.

North Carolina shrimp landings of 5.7 million pounds were 5 percent greater than in the previous year. Excellent catches of brown shrimp exceeded the 1965 production and accounted for the increase. The $2.6-million exvessel value of North Carolina shrimp landings was second only to the 1953 record value of $3.6 million.

Shrimp landings in South Carolina were 4.3 million pounds--37 percent less than in 1965. The decline was caused chiefly by the virtual disappearance of white shrimp from South Carolina waters for the third time in 4 years. The lack of white shrimp was partially offset by increased landings of brown shrimp. Despite the sharp production decline, the value of $2.2 million was only 17 percent less than in 1965--principally because fishermen received record exvessel prices during the year.

Georgia shrimp landings of 6.5 million pounds were 25 percent less than in the previous year because of a decline in white shrimp. Brown shrimp, however, were plentiful. Georgia shrimp landings worth $3.3 million were only 2 percent less than in 1965, chiefly because of the record exvessel values that prevailed throughout the year.

Shrimp landings along the East Coast of Florida (5.0 million pounds) were 7 percent less than in 1965; however, the record exvessel value, $2.7 million, increased 14 percent. Florida fishermen on the East Coast fared well because the white shrimp populations, which had declined markedly in South Carolina and Georgia waters, were only slightly less plentiful along the Florida coast than in the previous year.

Menhaden. Menhaden landings of 215.1 million pounds were 22.8 million more than in the previous year. The increase resulted largely from an unexpected abundance of fish along the North Carolina coast in November and December. The North Carolina production was 182.3 million pounds--a gain of 21.7 million compared with 1965. Landings at ports along the East Coast of Florida (32.6 million pounds) and in South Carolina (235,000 pounds) accounted for the remainder.

Food finfish. Landings of finfish for human consumption were 75.8 million pounds worth $8.0 million. The volume of landings was about the same as in the previous year, but the value declined 5 percent. Landings of bluefish, mullet, red snapper, scup, and spot increased.

A good run of bluefish along the entire coast resulted in landings of 2.3 million pounds--a gain of 42 percent compared with 1965.

The abundance of scup on grounds fished by North Carolina trawlers contributed to heavy landings (2.0 million pounds) that were nearly double the 1965 production. However, the average price per pound dropped to 6 cents--about one-half the average price for the previous year.

Haul seiners fishing along the beaches of Horry County, S.C., caught almost one-half of the 4.4 million pounds of spot taken in that State--46 percent more than a year earlier. The average price per pound for spot, however, declined from about 12 cents in 1965 to 8 cents in 1966.

Landings of croakers, flounders, king mackerel, king whiting, shad, Spanish mackerel, and swordfish were less than in the previous year. North Carolina landings of croakers (1.3 million pounds), flounders (4.0 million pounds), and king whiting (767,000 pounds) declined 28, 15, and 43 percent, respectively, compared with 1965; South Carolina, Georgia, and East Coast of Florida landings of flounders and king whiting also declined.

Shad landings of 1.7 million pounds were 27 percent less than the 1965 catch of 2.4 million pounds--the greatest volume recorded since 1934.

Swordfish landings (77,000 pounds) decreased 85 percent compared with the previous year. Seven vessels operated in the longline fishery for swordfish--8 less than in 1965.

Landings of king mackerel (1.9 million pounds) and Spanish mackerel (2.3 million pounds) declined 30 and 25 percent, respectively, compared with a year earlier. The smaller production may have resulted from a later than usual migration. The mackerel fishery was centered along the southernmost part of the East Coast of Florida.

Scallops. North Carolina fishermen landed both calico and bay scallops in 1966. Landings of 1.9 million pounds of calico scallop meats more than doubled the production of the previous year. Fishermen received an average price per pound of 20 cents--8 cents less than in 1965. Twenty vessels, using trawls rather than dredges, operated in the calico scallop fishery--compared with 10 vessels in 1965. Calico scallops were landed in the shell, and dealers transported them to the shuckers. The large harvest was chiefly a result of an increased market demand for calico scallop meats--promoted intensively by a major processor of fishery products.

The bay scallop fishermen also had a good year. Landings of 399,000 pounds of bay scallop meats were 5 percent greater than in the previous year. The fishermen received an average price per pound of 46 cents--6 cents less than in 1965.

Hard blue crabs. A downward trend that began in 1965 in the blue crab fishery continued in three of the South Atlantic States. Hard blue crab landings of 40.5 million pounds worth $2.0 million were 5.5 million pounds (12 percent and $462,000 (19 percent) less than in the previous year. North Carolina landings of 18.9 million pounds declined 3.4 million compared with a year earlier. The decline was attributed partly to the fishermen's preference for the lucrative shrimp fishery and partly to the loss of a ready market in the Chesapeake States, which had a record production of crabs for the second consecutive year.

In South Carolina, blue crab landings of 5.7 million pounds were 1.7 million less than in the previous year. As in 1965, the South Carolina landings had a low yield of meat, which lessened the dockside demand for them. The South Carolina State Division of Commercial Fisheries had no specific evidence of damage to the resource, but as a precautionary measure requested fisherman to discontinue use of crab trawls. All fishermen cooperated with this request in an effort to stop the downward trend of landings.

Georgia landings of 8.6 million pounds declined 1.7 million compared with 1965. The decrease may have been caused by closure of the Cumberland and St. Andrews Sounds to crab trawling from April 14 to June 1, 1966.

The only increase in hard blue crab landings in the South Atlantic area was along the East Coast of Florida where a harvest of 7.3 million pounds was 23 percent larger than in the previous year. The value ($529,000) increased 29 percent over 1965.

Oysters. Landings of 3.7 million pounds of oyster meats were 425,000 pounds (10 percent) less than in 1965. Production was smaller in all States; however, the $1.6 million value of oyster meats was 4 percent over the value of the previous year.

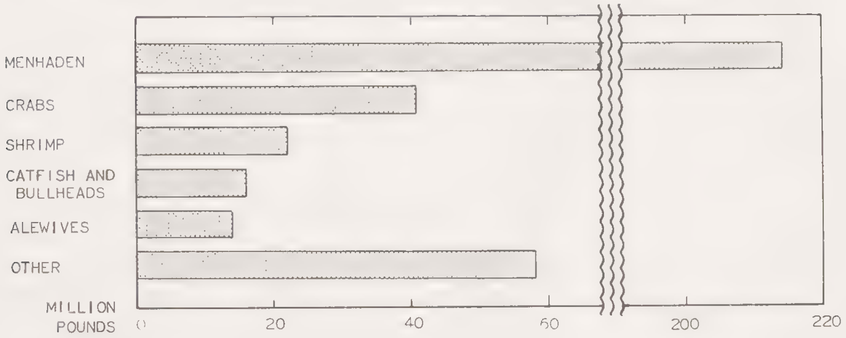
In South Carolina, the trend toward marketing oysters in the shell continued. During the past 3 years, probably about 30 percent of all oysters harvested have been sold in the shell. Prior to this 3-year period only about 12 percent were sold in the shell--the other 88 percent were sold as shucked meats. This change in marketing methods was made necessary by increased costs of shucking and an uncertain labor supply.

Clams. Landings of 258,000 pounds of hard clam meats declined 36 percent compared with the previous year. The decline was caused principally by a reduction in fishing effort as fishermen turned to the more profitable shrimp fishery and to the newly established calico scallop fishery in North Carolina. For the first time a new species of clam (Rangia cuneata) was harvested in commercial quantities in North Carolina waters--52,000 pounds of clam meats worth $17,000. A major dealer in fishery products promoted the experimental processing and intensive marketing that helped to make this clam an acceptable seafood item.

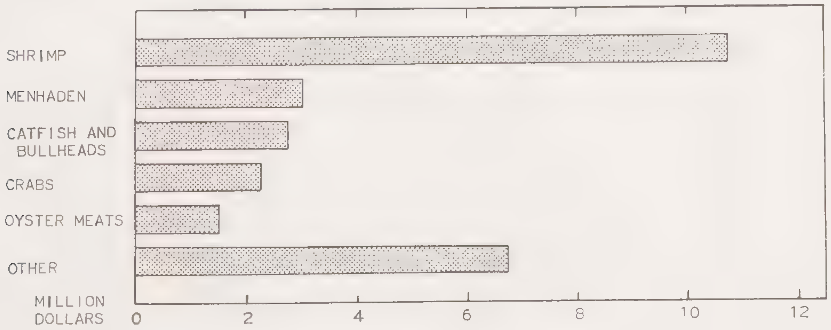
Fish kills. In June, there was a "kill" of blue crabs in an area reaching from Holdens Beach, N.C., to Ossabaw Sound, Ga. The "kill" diminished considerably after about one month, but many crabs had been killed by then. Researchers attempted to determine the cause of the "kill", but they had found nothing specific by the end of the year.

Other information. Condensed summary data on the operating units and landings of the South Atlantic section given on the following pages were published previously in Current Fishery Statistics No. 4600. Seasonal variations in the landings of fish and shellfish in North Carolina, South Carolina, Georgia, and Florida can be ascertained from the monthly and annual landing bulletins issued for each of these States. Additional data on many aspects of the South Atlantic fisheries may be found in the daily, monthly, and annual reports published by the Hampton, Va., Fishery Market News office of the Bureau.

Acknowledgments. The following organizations assisted the Bureau with the collection of the data appearing in this section: North Carolina Department of Conservation and Development, Division of Commercial Fisheries; South Carolina Wildlife Resources Department, Division of Commercial Fisheries; Georgia Game and Fish Commission, Coastal Fisheries Division; and Florida State Board of Conservation.

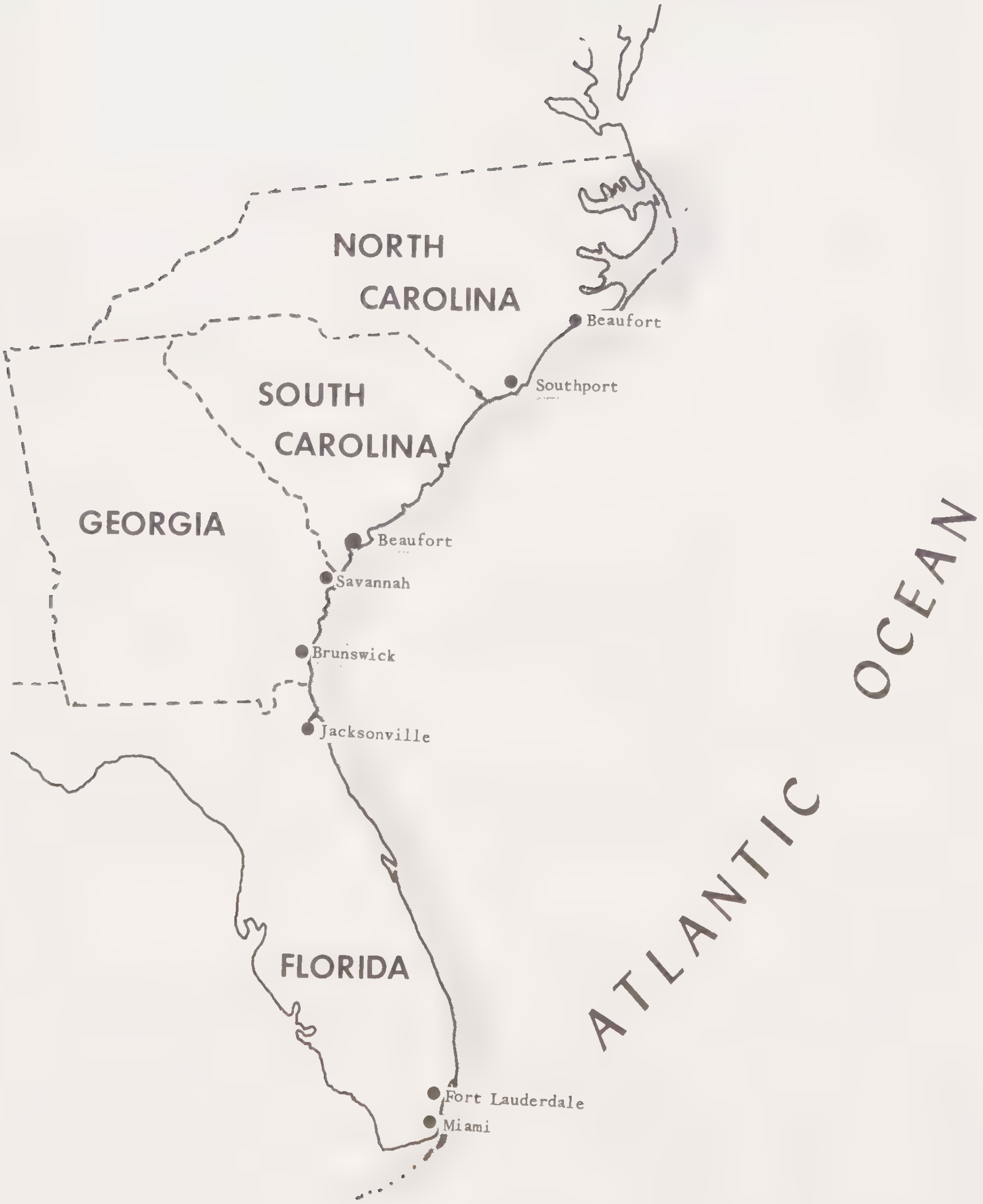


SOUTH ATLANTIC STATES LANDINGS, 1966



VALUE OF SOUTH ATLANTIC STATES LANDINGS, 1966

SOUTH ATLANTIC FISHERIES



SOUTH ATLANTIC STATES

SOUTH ATLANTIC FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1966

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NORTH CAROLINA	223	5	28	5	251	10
SOUTH CAROLINA	10	1	13	3	23	4
GEORGIA	1	(1)	15	4	16	4
FLORIDA, EAST COAST	63	5	15	4	78	9
TOTAL	297	11	71	16	368	27

1/ LESS THAN $500,000.

NOTE:--THE LANDINGS FOR THE INLAND LAKES OF FLORIDA ARE INCLUDED WITH THE LANDINGS FOR THE EAST COAST OF FLORIDA. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO DADE, INCLUSIVE.

SUMMARY OF OPERATING UNITS, 1966

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	1,659	384	623	1,052	3,299
ON BOATS AND SHORE:					
REGULAR	1,366	545	498	2,014	4,423
CASUAL	1,371	620	424	457	2,872
TOTAL	4,396	1,549	1,545	3,523	10,594
VESSELS, MOTOR	431	187	314	418	1,141
GROSS TONNAGE	21,417	5,018	10,430	15,968	44,869
BOATS:					
MOTOR	2,533	829	585	2,051	5,998
OTHER	101	11	54	38	204
GEAR:					
HAUL SEINES:					
COMMON	78	12	5	28	123
LENGTH, YARDS	28,994	2,900	800	12,000	44,694
LONG	45	-	-	-	45
LENGTH, YARDS	57,350	-	-	-	57,350
PURSE SEINES:					
MENHADEN	48	-	-	7	55
LENGTH, YARDS	19,200	-	-	3,480	22,680
OTHER	-	-	-	2	2
LENGTH, YARDS	-	-	-	400	400
BAG NETS	98	-	-	-	98
YARDS AT MOUTH	2,490	-	-	-	2,490
OTTER TRAWLS:					
CRAB	364	-	196	-	560
YARDS AT MOUTH	4,949	-	3,100	-	8,049
FISH	134	-	-	-	134
YARDS AT MOUTH	3,151	-	-	-	3,151
SCALLOP	20	-	-	-	20
YARDS AT MOUTH	220	-	-	-	220
SHRIMP	1,093	394	893	620	2,601
YARDS AT MOUTH	14,561	7,770	12,346	9,298	38,170
POUND NETS, FISH	774	-	-	19	793
FYKE AND HOOP NETS, FISH	300	-	-	380	680
POTS AND TRAPS:					
CRAB:					
BLUE	30,795	12,240	8,070	14,020	65,125
OTHER	-	-	-	4,200	4,200
EEL	452	-	-	245	697
FISH	3,982	1,552	235	10,270	16,039
LOBSTER, SPINY	-	-	-	76,420	76,420
GILL NETS:					
ANCHOR, SET OR STAKE	2,119	11	-	110	2,240
SQUARE YARDS	1,341,377	14,350	-	42,060	1,397,787
DRIFT:					
SHAD	19	125	211	12	367
SQUARE YARDS	7,900	34,340	128,440	9,900	180,580
OTHER	3	-	-	5	8
SQUARE YARDS	1,100	-	-	15,000	16,100

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1966 - Continued

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
GILL NETS - CONTINUED:					
RUNAROUND	34	-	-	304	338
SQUARE YARDS	33,600	-	-	1,072,570	1,106,170
TRAMMEL NETS	-	-	-	18	18
SQUARE YARDS	-	-	-	19,400	19,400
LINES:					
HAND	730	-	30	747	1,507
HOOKS	850	-	60	1,185	2,095
TROLL	92	-	10	919	1,021
HOOKS	92	-	10	919	1,021
LONG OR SET WITH HOOKS	124	-	152	737	1,013
HOOKS	14,830	-	14,600	1,463,300	1,492,730
TROT WITH BAITS	162	6	-	-	168
BAITS	114,450	4,200	-	-	118,650
DIP NETS:					
COMMON	-	-	-	3	3
DROP	-	100	1,200	-	1,300
CAST NETS	-	10	8	-	18
SPEARS	7	-	-	17	24
DREDGES:					
CLAM	11	-	-	-	11
YARDS AT MOUTH	14	-	-	-	14
OYSTER, COMMON	247	-	-	-	247
YARDS AT MOUTH	326	-	-	-	326
SCALLOP	170	-	-	-	170
YARDS AT MOUTH	170	-	-	-	170
TONGS AND GRABS, OYSTER	298	107	40	14	459
TONGS, OTHER	33	-	-	-	33
RAKES	289	54	-	11	354
HOOKS, SPONGE	-	-	-	29	29

NOTE:--THE OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA ARE INCLUDED WITH THE DATA FOR THE EAST COAST OF FLORIDA.

LANDINGS BY STATES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	12,519	134	2,817	56	-	-
BLUEFISH	821	67	158	19	1	(1)
BOWFIN	-	-	-	-	(1)	(1)
BUTTERFISH	503	33	-	-	-	-
CABIO	10	(1)	-	-	-	-
CARP	137	3	-	-	(1)	(1)
CATFISH AND BULLHEADS	1,786	278	1,289	168	80	21
CROAKER	1,267	63	1	(1)	5	1
DRUM:						
BLACK	96	5	-	-	1	(1)
RED	35	4	(1)	(1)	3	(1)
EEL, COMMON	54	2	41	4	1	(1)
FLOUNDERS	4,017	744	40	10	35	6
GROUPERS	7	1	(1)	(1)	-	-
GRUNTS	1	(1)	-	-	-	-
HARVESTFISH	72	7	-	-	-	-
HERRING, THREAD	2,582	35	-	-	-	-
HICKORY SHAD	197	6	-	-	2	(1)
KING WHITING OR "KINGFISH"	767	58	161	18	146	19
MACKEREL:						
ATLANTIC	12	1	-	-	-	-
KING	95	19	4	(1)	-	-
SPANISH	78	10	1	(1)	1	(1)
MENHADEN	182,289	2,538	235	5	-	-
MULLET, BLACK (LISA)	1,445	99	3,258	194	2	(1)
PIGFISH	86	5	-	-	-	-
POMPANO	19	7	69	25	1	(1)
SAND PERCH	2	(1)	-	-	-	-
SCUP OR PORGY	1,926	116	-	-	-	-
SEA BASS	1,267	158	136	17	3	1

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SEA TROUT OR WEAKFISH:						
GRAY	1,896	110	29	1	1	(1)
SPOTTED	116	34	25	7	3	1
SHAD	701	170	119	34	386	100
SHARKS, UNCLASSIFIED	3	(1)	15	1	-	-
SHEEPSHEAD, SALT-WATER	10	1	-	-	1	(1)
SNAPPER, RED	11	4	-	-	(1)	(1)
SPOT	1,091	94	2,126	92	5	1
STRIPED BASS	653	100	-	-	1	(1)
STURGEON, COMMON	59	8	43	8	1	1
SUCKERS	-	-	-	-	3	(1)
SWELLFISH	291	7	-	-	-	-
SWORDFISH	77	38	-	-	-	-
TUNA, BLUEFIN	14	2	-	-	-	-
WHITE PERCH	402	24	-	-	-	-
YELLOW PERCH	24	2	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	5,444	27	-	-	129	3
TOTAL FISH	222,882	5,014	10,567	659	811	154
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD	18,914	868	5,724	284	8,556	325
SOFT AND PEELER	126	56	-	-	-	-
TOTAL CRABS	19,040	924	5,724	284	8,556	325
SHRIMP	5,697	2,566	4,263	2,181	6,476	3,341
CLAMS:						
HARD, PUBLIC	233	93	23	8	-	-
RANGIA	52	17	-	-	-	-
OCTOPUS	(1)	(1)	-	-	-	-
OYSTERS MARKET:						
PUBLIC:						
SPRING	228	125	-	-	-	-
FALL	233	128	-	-	-	-
PRIVATE:						
SPRING	133	72	1,773	731	135	47
FALL	132	73	842	336	46	16
TOTAL OYSTERS	726	398	2,615	1,067	181	63
SCALLOPS:						
BAY	399	184	-	-	-	-
CALICO	1,857	369	-	-	-	-
TOTAL SCALLOPS	2,256	553	-	-	-	-
SQUID	27	3	(1)	(1)	-	-
TURTLE, SNAPPER	19	3	-	-	-	-
TOTAL SHELLFISH, ETC.	28,050	4,557	12,625	3,540	15,213	3,729
GRAND TOTAL	250,932	9,571	23,192	4,199	16,024	3,883

SPECIES	FLORIDA, EAST COAST		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	(1)	(1)	15,336	190
AMBERJACK	21	1	21	1
ANGELFISH	5	(1)	5	(1)
BALLYHOO	1	(1)	1	(1)
BARRACUDA	1	(1)	1	(1)
BLUEFISH	1,353	155	2,333	241
BLUE RUNNER	81	3	81	3
BONITO	4	(1)	4	(1)
BOWFIN	-	-	(1)	(1)
BUTTERFISH	-	-	503	33
CABIO	5	(1)	15	(1)
CARP	-	-	137	3
CATFISH AND BULLHEADS	13,185	2,285	16,340	2,752
CREVALLE	177	5	177	5
CROAKER	331	46	1,604	110
DOLPHIN	16	2	16	2
DRUM:				
BLACK	83	8	180	13
RED	153	29	191	33

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, EAST COAST		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE
EEL, COMMON	30	2	126	8
FLOUNDERS	191	34	4,283	794
GOATFISH	47	5	47	5
GROUPERS	208	29	215	30
GRUNTS	19	2	20	2
HARVESTFISH	-	-	72	7
HERRING, THREAD	-	-	2,582	35
HICKORY SHAD	-	-	199	6
HOGFISH	1	(1)	1	(1)
JEWFISH	39	3	39	3
KING WHITING OR "KINGFISH"	1,685	165	2,759	260
MACKEREL:				
ATLANTIC	-	-	12	1
KING	1,782	323	1,881	342
SPANISH	2,181	232	2,261	242
MENHADEN	32,590	450	215,114	2,993
MOJARRA	99	8	99	8
MULLET:				
BLACK (LISA)	3,099	182	7,804	475
SILVER	165	13	165	13
PERMIT	2	(1)	2	(1)
PIGFISH	26	2	112	7
POMPANO	401	294	490	326
SAND PERCH	-	-	2	(1)
SCUP OR PORGY	32	3	1,958	119
SEA BASS	62	9	1,468	185
SEA CATFISH	11	1	11	1
SEA TROUT OR WEAKFISH:				
GRAY	184	19	2,110	130
SPOTTED	724	200	868	242
SHAD	530	67	1,736	371
SHARKS, UNCLASSIFIED	75	3	93	4
SHEEPSHEAD, SALT-WATER	126	11	137	12
SNAPPER:				
LANE	1	(1)	1	(1)
MANGROVE	114	25	114	25
MUTTON	83	25	83	25
RED	690	292	701	296
VERMILION	1	(1)	1	(1)
YELLOWTAIL	78	25	78	25
SPOT	1,205	173	4,427	360
STRIPED BASS	-	-	654	100
STURGEON, COMMON	-	-	103	17
SUCKERS	-	-	3	(1)
SWELLFISH	-	-	291	7
SWORDFISH	-	-	77	38
TILEFISH	(1)	(1)	(1)	(1)
TRIGGERFISH	2	(1)	2	(1)
TRIPLETAIL	2	(1)	2	(1)
TUNA, BLUEFIN	-	-	14	2
WARSAW	18	2	18	2
WHITE PERCH	-	-	402	24
YELLOW PERCH	-	-	24	2
UNCLASSIFIED:				
FOR FOOD	326	24	326	24
FOR BAIT, REDUCTION, AND ANIMAL FOOD	689	12	6,262	42
TOTAL FISH	62,934	5,169	297,194	10,996
SHELLFISH, ETC.				
CRABS:				
BLUE:				
HARD	7,323	529	40,517	2,006
SOFT AND PEELER	(1)	(1)	126	56
STONE	187	86	187	86
TOTAL CRABS	7,510	615	40,830	2,148
LOBSTERS, SPINY	1,686	810	1,686	810
SHRIMP	5,039	2,726	21,475	10,814
CLAMS:				
HARD, PUBLIC	2	1	258	102
RANGIA	-	-	52	17
CONCHS	5	1	5	1
OCTOPUS	-	-	(1)	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

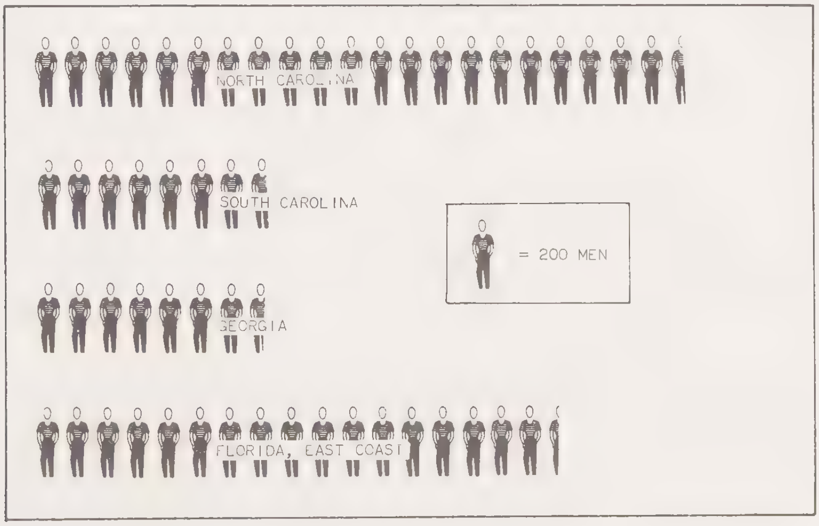
(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, EAST COAST		TOTAL	
SHELLFISH, ETC. - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE
OYSTERS, MARKET:				
PUBLIC:				
SPRING	30	11	258	136
FALL	31	11	264	139
PRIVATE:				
SPRING	42	14	2,083	864
FALL	32	11	1,052	436
TOTAL OYSTERS	135	47	3,657	1,575
SCALLOPS:				
BAY	-	-	399	184
CALICO	-	-	1,857	369
TOTAL SCALLOPS	-	-	2,256	553
SQUID	8	1	35	4
TURTLES:				
GREEN	(1)	(1)	(1)	(1)
LOGGERHEAD	4	(1)	4	(1)
SNAPPER	-	-	19	3
SOFT-SHELL	299	19	299	19
TOTAL TURTLES	303	19	322	22
SPONGES:				
GRASS	1	1	1	1
SHEEPSWOOL	4	23	4	23
YELLOW	2	3	2	3
TOTAL SHELLFISH, ETC.	14,675	4,247	70,583	16,073
GRAND TOTAL	77,629	9,416	367,777	27,069

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON THE LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. CLAMS, CONCHS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS, IN WEIGHT OF EDIBLE MEATS.

FISHERMEN EMPLOYED IN THE SOUTH ATLANTIC FISHERIES, 1966



LANDINGS OF CERTAIN SHELLFISH, 1966

(NUMBER AND BUSHELS)

SPECIES		NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:							
HARD	NUMBER	56,742,300	$867,932	22,898,000	$283,860	29,944,950	$324,767
SOFT AND PEELER	DO	502,400	56,342	-	-	-	-
CLAMS:	U.S. STD.						
HARD, PUBLIC	BUSHELS	26,606	93,158	2,560	7,618	-	-
RANGIA	DO	6,370	16,557	-	-	-	-
OYSTERS, MARKET:							
PUBLIC:							
SPRING	DO	41,758	125,413	-	-	-	-
FALL	DO	47,221	128,066	-	-	-	-
PRIVATE:							
SPRING	DO	23,188	72,273	767,706	731,191	36,894	47,289
FALL	DO	25,521	73,241	364,372	335,543	18,980	16,274
SCALLOPS:							
BAY	DO	99,775	184,198	-	-	-	-
CALICO	DO	464,200	368,703	-	-	-	-

SPECIES		FLORIDA, EAST COAST		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE
CRABS:					
BLUE:					
HARD	NUMBER	14,646,000	$528,722	124,231,250	$2,005,281
SOFT AND PEELER	DO	800	87	503,200	56,429
STONE	DO	187,100	85,751	187,100	85,751
CLAMS:	U.S. STD.				
HARD, PUBLIC	BUSHELS	300	840	29,466	101,616
RANGIA	DO	-	-	6,370	16,557
OYSTERS, MARKET:					
PUBLIC:					
SPRING	DO	6,909	10,649	48,667	136,062
FALL	DO	8,472	10,675	55,693	138,741
PRIVATE:					
SPRING	DO	9,523	14,459	837,311	865,212
FALL	DO	8,972	11,157	417,845	436,215
SCALLOPS:					
BAY	DO	-	-	99,775	184,198
CALICO	DO	-	-	464,200	368,703

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1966

SPECIES		NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST
		QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:					
BLUE:	NUMBER				
HARD	PER POUND	3.00	4.00	3.50	2.00
SOFT AND PEELER	DO	4.00	-	-	4.00
STONE	DO	-	-	-	1.00
CLAMS:	LBS. MEATS				
HARD, PUBLIC	PER U.S.	8.75	8.75	-	8.00
RANGIA	STANDARD	8.10	-	-	-
	BUSHEL				
OYSTERS, MARKET:					
PUBLIC:					
SPRING	DO	5.46	-	-	4.40
FALL	DO	4.93	-	-	3.60
PRIVATE:					
SPRING	DO	5.74	2.31	3.67	4.40
FALL	DO	5.18	2.31	2.45	3.60
SCALLOPS:					
BAY	DO	4.00	-	-	-
CALICO	DO	4.00	-	-	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

PROCESSED FISHERY PRODUCTS, 1966

ITEM		NORTH CAROLINA		SOUTH CAROLINA	
		QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:					
FRESH AND FROZEN:					
FILLETS	POUNDS	(1)	(1)	-	-
ROE	DO	(1)	(1)	-	-
BAIT	DO	(1)	(1)	(1)	(1)
CANNED:					
FISH	STANDARD CASES	(1)	(1)	-	-
ROE	DO	(1)	(1)	-	-
SALTED AND PICKLED	POUNDS	2,565,000	$122,050	-	-
SMOKED	DO	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
BLUEFISH FILLETS, FRESH	POUNDS	(1)	(1)	-	-
CATFISH, FROZEN, DRESSED, SKINS OFF	DO	(1)	(1)	(1)	(1)
EELS, SALTED, FOR BAIT	DO	(1)	(1)	-	-
FLOUNDERS:					
FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
SPECIALTIES, FROZEN:					
STEAKS, BREADED, RAW	DO	(1)	(1)	-	-
STUFFED, BREADED, RAW	DO	(1)	(1)	-	-
HERRING, THREAD:					
MEAL AND SCRAP	TONS	(1)	(1)	-	-
OIL	1,000 POUNDS	(1)	(1)	-	-
MENHADEN:					
MEAL AND SCRAP	TONS	19,398	2,893,845	-	-
OIL	1,000 POUNDS	15,653	997,139	-	-
SOLUBLES	TONS	5,216	335,245	-	-
SPANISH MACKEREL FILLETS, FRESH AND FROZEN	POUNDS	(1)	(1)	-	-
STRIPED BASS FILLETS, FRESH	DO	(1)	(1)	-	-
STURGEON ROE, FRESH	DO	-	-	(1)	(1)
CRABS:					
BLUE:					
FRESH AND FROZEN, COOKED MEAT	DO	2,213,400	2,593,604	535,978	$854,270
SPECIALTIES, FROZEN (AU GRATIN, DEVILED CAKES, ETC.)	DO	(1)	(1)	-	-
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	(1)	(1)
SPECIALTIES (DEVILED)	DO	-	-	(1)	(1)
MEAL AND SCRAP	TONS	(1)	(1)	-	-
SHRIMP, FRESH AND FROZEN:					
RAW, HEADLESS	POUNDS	-	-	(1)	(1)
PEELED (INCLUDING DEVEINED), RAW	DO	-	-	(1)	(1)
BREADED, RAW	DO	(1)	(1)	-	-
SPECIALTIES (COCKTAILS, CREOLES, STUFFED, ETC.)	DO	(1)	(1)	-	-
CLAMS:					
SHUCKED, FRESH:					
HARD	GALLONS	(1)	(1)	-	-
RANGIA	DO	(1)	(1)	-	-
SPECIALTIES	POUNDS	(1)	(1)	-	-
OYSTERS:					
SHUCKED, FRESH	GALLONS	49,801	325,706	107,395	727,823
BREADED RAW, FROZEN	POUNDS	(1)	(1)	-	-
CANNED:					
REGULAR	STANDARD CASES	-	-	(1)	(1)
SPECIALTIES (STEWS)	DO	-	-	(1)	(1)
SCALLOPS:					
BAY:					
SHUCKED, FRESH	GALLONS	(1)	(1)	-	-
BREADED RAW, FROZEN	POUNDS	(1)	(1)	-	-
CALICO, SHUCKED, FRESH	GALLONS	226,230	1,070,519	-	-
TURTLE MEAT, FROZEN	POUNDS	(1)	(1)	-	-
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED:					
FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH	DO	4,268,535	991,686	1,588,804	1,380,224
CANNED	STANDARD CASES	36,552	718,219	(2)	(2)
CURED	POUNDS	(2)	(2)	-	-
INDUSTRIAL	-	-	258,808	-	-
TOTAL	-	-	10,306,821	-	2,962,317

ITEM		GEORGIA		FLORIDA, EAST COAST	
		QUANTITY	VALUE	QUANTITY	VALUE
BUTTERFISH, SMOKED	POUNDS	-	-	(1)	(1)
CHUBS, SMOKED	DO	-	-	(1)	(1)
DRUM, RED, FILLETS, FROZEN	DO	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		GEORGIA		FLORIDA, EAST COAST	
		QUANTITY	VALUE	QUANTITY	VALUE
FLOUNDERS:					
FILLETS:					
FRESH AND FROZEN	POUNDS	-	-	(1)	(1)
BREADED, RAW, FROZEN	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN, STUFFED, BREADED, RAW	DO	(1)	(1)	212,956	$150,608
GROUPER FILLETS:					
FROZEN	DO	-	-	97,850	47,140
BREADED, RAW	DO	-	-	(1)	(1)
HERRING, SEA, SPECIALTIES, CURED AND REFRIGERATED (IN WINE AND CREAM SAUCE)	DO	-	-	(1)	(1)
KING MACKEREL:					
STEAKS, FROZEN	DO	-	-	(1)	(1)
CANNED:					
FISH	STANDARD CASES	-	-	(1)	(1)
SPECIALTIES (PASTE)	DO	-	-	(1)	(1)
SMOKED	POUNDS	-	-	(1)	(1)
KING WHITING STEAKS, FROZEN	DO	-	-	(1)	(1)
MENHADEN:					
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1,000 POUNDS	-	-	(1)	(1)
SOLUBLES	TONS	-	-	(1)	(1)
MULLET, CANNED:					
FISH	STANDARD CASES	-	-	(1)	(1)
ROE	DO	-	-	(1)	(1)
POMPANO FILLETS, FROZEN	POUNDS	-	-	(1)	(1)
SABLEFISH, SMOKED	DO	-	-	(1)	(1)
SALMON:					
SALTED	DO	-	-	(1)	(1)
SMOKED	DO	-	-	(1)	(1)
SEA TROUT FILLETS, BREADED, RAW, FROZEN	DO	-	-	(1)	(1)
SHARKS:					
FINS	-	-	-	-	(1)
LEATHERS	-	-	-	-	(1)
SNAPPER, RED, FILLETS, FRESH AND FROZEN	POUNDS	-	-	111,500	107,550
SPANISH MACKEREL:					
FILLETS, FRESH AND FROZEN	DO	-	-	437,500	177,800
CANNED	STANDARD CASES	-	-	(1)	(1)
STURGEON, SMOKED	POUNDS	-	-	(1)	(1)
TUNA, AU GRATIN, COOKED, FROZEN	DO	-	-	(1)	(1)
TUNALIKE (BONITO), CANNED	STANDARD CASES	-	-	(1)	(1)
WHITEFISH, SMOKED	POUNDS	-	-	(1)	(1)
CRABS:					
BLUE:					
FRESH AND FROZEN, COOKED MEAT	DO	1,027,967	$1,037,451	1,270,540	1,660,215
SPECIALTIES, FROZEN (AU GRATIN, DEVILED CAKES, ETC.)	DO	(1)	(1)	62,200	448,959
MEAL	TONS	(1)	(1)	(1)	(1)
KING, SPECIALTIES, FROZEN	POUNDS	-	-	(1)	(1)
STONE CLAWS, COOKED, FROZEN	DO	-	-	(1)	(1)
LOBSTERS, SPINY, FRESH AND FROZEN:					
COOKED MEAT	DO	-	-	(1)	(1)
TAILS, RAW	DO	-	-	258,414	478,591
WHOLE, RAW AND COOKED	DO	-	-	2,182,704	1,494,406
SHRIMP, FRESH AND FROZEN:					
RAW, HEADLESS	DO	1,336,318	1,208,198	2,253,760	2,354,211
PEELED (INCLUDING DEVEINED):					
RAW	DO	2,982,677	3,947,917	(1)	(1)
COOKED	DO	-	-	(1)	(1)
BREADED, RAW	DO	18,993,858	16,240,523	11,882,716	12,019,148
SPECIALTIES (COCKTAILS, CREOLES, STUFFED, ETC.)	DO	1,774,606	1,113,296	161,568	130,752
OYSTERS:					
SHUCKED, FRESH	GALLONS	11,120	80,700	9,040	61,580
BREADED RAW, FROZEN	POUNDS	(1)	(1)	316,852	382,805
SHELL, GRIT AND LIME	TONS	-	-	(1)	(1)
SCALLOPS:					
CALICO, BREADED, RAW AND COOKED, FROZEN	POUNDS	928,546	539,393	-	-
SEA, BREADED, RAW, FROZEN	DO	-	-	306,547	246,038
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED:					
FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH	DO	7,320,611	3,244,608	2,418,757	2,124,279
CANNED	STANDARD CASES	-	-	(2)	(2)
CURED	POUNDS	-	-	857,330	981,611
INDUSTRIAL	-	-	(2)	-	1,648,798
TOTAL	-	-	27,412,086	-	24,514,491

1/ INCLUDED WITH UNCLASSIFIED ITEMS. 2/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH. NOTE:--SOME PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO IN A MORE ADVANCED STAGE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1966

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	8,669
FROZEN	47,218
CANNED	2,049
CURED	1,107
INDUSTRIAL	6,152
TOTAL	65,195

VALUE OF PROCESSED PRODUCTS, BY STATES, 1966

(THOUSANDS OF DOLLARS)

STATE	VALUE
NORTH CAROLINA	10,307
SOUTH CAROLINA	2,962
GEORGIA	27,412
FLORIDA, EAST COAST	24,514
TOTAL	65,195

WHOLESALING AND PROCESSING, 1966

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND MANUFACTURING:					
ESTABLISHMENTS	165	76	51	143	435
PERSONS ENGAGED:					
AVERAGE FOR SEASON	2,620	849	2,606	1,675	7,750
AVERAGE FOR YEAR	1,397	540	2,115	1,111	5,163

SOUTH ATLANTIC FISHERIES
NORTH CAROLINA

NORTH CAROLINA - OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES		PURSE SEINES, MENHADEN	BAG NETS	OTTER TRAWLS	
	COMMON	LONG			CRAB	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	27	810	-	252	289
ON BOATS AND SHORE:						
REGULAR	129	86	-	80	132	6
CASUAL	171	66	-	20	32	-
TOTAL	300	179	810	100	416	295
VESSELS, MOTOR	-	10	48	-	130	103
GROSS TONNAGE	-	76	12,044	-	2,454	4,455
BOATS:						
MOTOR	63	73	96	98	146	4
OTHER	24	56	-	-	-	-
GEAR:						
NUMBER	78	45	48	98	364	134
LENGTH, YARDS	28,994	57,350	19,200	-	-	-
YARDS AT MOUTH	-	-	-	2,490	4,949	3,151

ITEM	OTTER TRAWLS - CONTINUED		POUND NETS, FISH	FYKE AND HOOP NETS, FISH	POTS AND TRAPS	
	SCALLOP	SHRIMP			CRAB	EEL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	58	647	-	-	19	-
ON BOATS AND SHORE:						
REGULAR	-	295	94	5	268	4
CASUAL	-	371	117	15	139	11
TOTAL	58	1,313	211	20	426	15
VESSELS, MOTOR	20	301	-	-	11	-
GROSS TONNAGE	888	7,136	-	-	91	-
BOATS, MOTOR	-	564	143	20	407	15
GEAR:						
NUMBER	20	1,093	774	300	30,795	452
YARDS AT MOUTH	220	14,561	-	-	-	-

ITEM	POTS AND TRAPS - CONTINUED	GILL NETS				LINES
		ANCHOR, SET OR STAKE	DRIFT		RUNA-ROUND	HAND
	FISH		SHAD	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	80	19	-	-	-	6
ON BOATS AND SHORE:						
REGULAR	57	231	1	1	60	5
CASUAL	70	311	18	2	8	14
TOTAL	207	561	19	3	68	25
VESSELS, MOTOR	42	9	-	-	-	2
GROSS TONNAGE	587	69	-	-	-	167
BOATS:						
MOTOR	121	532	19	3	34	18
OTHER	-	1	-	-	-	-
GEAR:						
NUMBER	3,982	2,119	19	3	34	730
SQUARE YARDS	-	1,341,377	7,900	1,100	33,600	-
HOOKS OR BAITS	-	-	-	-	-	850

TEM	LINES - CONTINUED			SPEARS	DREDGES	
	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS		CLAM	OYSTER, COMMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	12	35	4	-	3	68
ON BOATS AND SHORE:						
REGULAR	11	25	95	-	8	166
CASUAL	36	10	63	7	-	36
TOTAL	59	70	162	7	11	270

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - OPERATING UNITS BY GEAR, 1966 - Continued

ITEM	LINES - CONTINUED			SPEARS	DREDGES	
	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS		CLAM	OYSTER, COMMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR	6	7	4	-	3	44
GROSS TONNAGE	91	492	25	-	17	352
BOATS, MOTOR	30	35	158	7	8	192
GEAR:						
NUMBER	92	124	162	7	11	247
YARDS AT MOUTH	-	-	-	-	14	326
HOOKS OR BAITS	92	14,830	114,450	-	-	-

ITEM	DREDGES - CONTINUED	TONGS AND GRABS		RAKES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	SCALLOPS, BAY	OYSTER	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	-	-	-	1,659
ON BOATS AND SHORE:						
REGULAR	65	177	-	82	83	1,366
CASUAL	30	121	33	207	162	1,371
TOTAL	95	298	33	289	245	4,396
VESSELS, MOTOR	-	-	-	-	-	431
GROSS TONNAGE	-	-	-	-	-	21,417
BOATS:						
MOTOR	95	298	33	289	225	2,533
OTHER	-	-	-	10	10	101
GEAR:						
NUMBER	170	298	33	289	-	-
YARDS AT MOUTH	170	-	-	-	-	-

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES				PURSE SEINES, MENHADEN	
	COMMON		LONG			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	1,000	$20	-	-
BLUEFISH	323,200	$24,261	281,400	24,058	-	-
BUTTERFISH	2,600	252	33,500	2,699	-	-
CABIO	500	10	7,700	154	-	-
CARP	10,000	240	71,100	1,793	-	-
CATFISH AND BULLHEADS	10,500	1,575	58,300	9,119	-	-
CROAKER	13,800	802	137,400	7,157	-	-
DRUM:						
BLACK	11,800	628	30,500	1,830	-	-
RED	3,700	407	21,700	2,118	-	-
EEL, COMMON	200	8	800	41	-	-
FLOUNDERS	2,800	487	67,400	11,417	-	-
HARVESTFISH	4,800	480	22,900	2,298	-	-
HERRING, THREAD	-	-	-	-	2,582,200	$34,973
HICKORY SHAD	300	8	13,800	416	-	-
KING WHITING OR "KINGFISH"	95,000	9,495	10,100	1,005	-	-
MACKEREL, SPANISH	9,500	1,130	9,300	1,115	-	-
MENHADEN	75,200	752	5,200	72	182,122,700	2,536,086
MULLET, BLACK (LISA)	921,000	55,324	48,900	4,584	-	-
PIGFISH	16,600	985	41,100	2,469	-	-
POMPANO	5,600	1,943	9,900	3,546	-	-
SCUP OR PORGY	-	-	500	30	-	-
SEA BASS	-	-	300	30	-	-
SEA TROUT OR WEAKFISH:						
GRAY	22,500	1,785	180,800	13,923	-	-
SPOTTED	13,700	4,099	51,800	15,499	-	-
SHEEPSHEAD, SALT-WATER	900	55	5,100	306	-	-
SPOT	299,800	26,195	532,600	46,323	-	-
STRIPED BASS	34,000	5,185	32,800	5,090	-	-
STURGEON, COMMON	1,200	240	300	30	-	-
WHITE PERCH	10,500	900	22,200	2,061	-	-
YELLOW PERCH	2,000	158	5,300	363	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	521,700	2,604	-	-
TOTAL	1,891,700	137,404	2,225,400	162,175	184,704,900	2,571,059

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	BAG NETS		OTTER TRAWLS			
			CRAB		FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	-	-	18,400	$1,671
BUTTERFISH	-	-	-	-	363,100	21,558
CROAKER	-	-	700	$34	1,029,500	50,018
DRUM:						
BLACK	-	-	-	-	16,600	934
RED	-	-	-	-	5,000	554
FLOUNDERS	4,100	$729	26,200	5,501	3,451,700	641,536
HARVESTFISH	-	-	-	-	1,600	157
KING WHITING OR "KINGFISH"	-	-	2,100	205	553,200	36,716
MACKEREL, ATLANTIC	-	-	-	-	12,500	625
PIGFISH	-	-	-	-	7,000	499
SAND PERCH	-	-	-	-	1,800	108
SCUP OR PORGY	-	-	-	-	1,922,900	115,367
SEA BASS	-	-	-	-	622,400	72,379
SEA TROUT OR WEAKFISH:						
GRAY	-	-	1,500	141	1,502,200	79,490
SPOTTED	-	-	-	-	3,400	862
SHARKS, UNCLASSIFIED	-	-	-	-	1,900	113
SHEEPSHEAD, SALT-WATER	-	-	-	-	2,700	176
SNAPPER, RED	-	-	-	-	1,100	423
SPOT	-	-	1,800	145	39,300	3,498
STURGEON, COMMON	-	-	-	-	46,000	6,406
SWELLFISH	-	-	-	-	276,500	6,150
WHITE PERCH	-	-	-	-	100	3
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	3,785,900	18,929
CRABS, BLUE:						
HARD	-	-	7,636,600	355,461	-	-
SOFT AND PEELER	-	-	66,700	30,035	-	-
SHRIMP	630,800	244,966	-	-	-	-
SQUID	-	-	-	-	23,300	2,398
TOTAL	634,900	245,695	7,735,600	391,522	13,688,100	1,060,570

SPECIES	OTTER TRAWLS - CONTINUED				POUND NETS, FISH	
	SCALLOP		SHRIMP			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	12,414,000	$132,394
BLUEFISH	-	-	200	$19	1,600	128
BUTTERFISH	-	-	20,900	1,521	79,000	6,957
CABIO	-	-	-	-	500	10
CARP	-	-	-	-	20,500	500
CATFISH AND BULLHEADS	-	-	-	-	396,900	59,527
CROAKER	-	-	67,500	3,549	3,700	187
DRUM:						
BLACK	-	-	4,800	281	1,500	91
RED	-	-	1,600	149	400	43
EEL, COMMON	-	-	-	-	7,000	283
FLOUNDERS	-	-	258,200	44,756	170,100	31,634
GROUPERS	-	-	600	48	-	-
HARVESTFISH	-	-	1,100	109	41,100	4,111
HICKORY SHAD	-	-	-	-	53,900	1,560
KING WHITING OR "KINGFISH"	-	-	93,900	9,474	900	93
MACKEREL, SPANISH	-	-	200	27	1,100	135
MENHADEN	-	-	-	-	81,000	831
MULLET, BLACK (LISA)	-	-	-	-	11,800	1,029
PIGFISH	-	-	7,800	467	1,000	60
SCUP OR PORGY	-	-	-	-	100	4
SEA BASS	-	-	14,300	1,565	-	-
SEA TROUT OR WEAKFISH:						
GRAY	-	-	40,200	2,719	83,000	6,136
SPOTTED	-	-	400	111	400	106
SHAD	-	-	-	-	371,700	89,515
SHEEPSHEAD, SALT-WATER	-	-	600	29	100	6
SPOT	-	-	109,100	10,318	6,500	346
STRIPED BASS	-	-	-	-	47,700	7,166
STURGEON, COMMON	-	-	100	10	2,000	361
SWELLFISH	-	-	400	7	100	3
WHITE PERCH	-	-	-	-	252,300	13,418
YELLOW PERCH	-	-	-	-	2,300	182
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	1,136,400	5,682	-	-
CRABS, BLUE:						
HARD	-	-	390,800	17,137	-	-
SOFT AND PEELER	-	-	500	225	-	-
SHRIMP	-	-	5,066,200	2,321,015	-	-
SCALLOPS, CALICO	1,856,800	$368,703	-	-	-	-
SQUID	-	-	3,800	377	-	-
TOTAL	1,856,800	368,703	7,219,600	2,419,595	14,052,200	356,816

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	FYKE AND HOOP NETS, FISH		POTS AND TRAPS			
			CRAB		EEL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	1,100	$11	-	-	-	-
CARP	4,900	100	-	-	-	-
CATFISH AND BULLHEADS	74,900	12,010	-	-	-	-
EEL, COMMON	-	-	-	-	43,000	$1,795
STRIPED BASS	4,800	743	-	-	-	-
STURGEON, COMMON	100	5	-	-	-	-
WHITE PERCH	21,100	1,323	-	-	-	-
YELLOW PERCH	1,800	129	-	-	-	-
CRABS, BLUE:						
HARD	-	-	7,966,400	$364,727	-	-
SOFT AND PEELER	-	-	37,600	16,734	-	-
TOTAL	108,700	14,321	8,004,000	381,461	43,000	1,795

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	FISH		ANCHOR, SET OR STAKE		DRIFT	
					SHAD	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	103,000	$1,834	-	-
BLUEFISH	-	-	129,800	11,484	-	-
BUTTERFISH	-	-	3,500	279	-	-
CABIO	-	-	800	17	-	-
CARP	-	-	28,700	623	300	$6
CATFISH AND BULLHEADS	751,500	$117,652	354,700	55,910	1,200	187
CROAKER	200	9	14,200	793	-	-
DRUM:						
BLACK	-	-	31,100	1,591	-	-
RED	-	-	2,500	266	-	-
EEL, COMMON	3,200	142	-	-	-	-
FLOUNDERS	-	-	36,300	8,041	-	-
GROUPERS	500	35	-	-	-	-
GRUNTS	500	46	-	-	-	-
HICKORY SHAD	-	-	128,700	3,945	-	-
KING WHITING OR "KINGFISH"	-	-	11,400	1,131	-	-
MACKEREL:						
KING	-	-	300	54	-	-
SPANISH	-	-	15,000	1,804	-	-
MENHADEN	-	-	4,800	67	-	-
MULLET, BLACK (LISA)	-	-	428,100	34,581	600	52
PIGFISH	-	-	12,800	757	-	-
POMPANO	-	-	3,700	1,325	-	-
SCUP OR PORGY	1,300	83	-	-	-	-
SEA BASS	591,100	79,844	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	-	-	66,100	6,004	-	-
SPOTTED	-	-	45,600	13,061	-	-
SHAD	-	-	319,800	77,751	9,000	2,370
SHEEPSHEAD, SALT-WATER	-	-	200	12	-	-
SPOT	1,700	137	100,500	7,068	-	-
STRIPED BASS	-	-	522,500	80,239	2,000	300
STURGEON, COMMON	-	-	9,000	1,123	200	34
SWELLFISH	12,900	278	1,300	30	-	-
WHITE PERCH	8,400	448	81,700	5,406	200	11
YELLOW PERCH	600	33	11,600	929	-	-
OCTOPUS	100	22	-	-	-	-
SQUID	200	19	-	-	-	-
TOTAL	1,372,200	198,748	2,467,700	316,125	13,500	2,960

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT - CONTINUED		RUNAROUND		HAND	
	OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	200	$2	-	-	-	-
BLUEFISH	-	-	54,000	$4,320	600	$48
CARP	-	-	-	-	100	1
CATFISH AND BULLHEADS	1,000	144	-	-	3,400	547
DRUM:						
BLACK	-	-	100	9	-	-
RED	-	-	200	30	100	12
FLOUNDERS	-	-	100	26	-	-
GROUPERS	-	-	-	-	6,300	605
GRUNTS	-	-	-	-	700	66
MACKEREL, SPANISH	-	-	5,000	600	100	9
MULLET, BLACK (LISA)	-	-	34,500	3,738	-	-
PIGFISH	-	-	-	-	200	13
SCUP OR PORGY	-	-	300	17	700	44

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT - CONTINUED OTHER		RUNAROUND		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA BASS.	-	-	-	-	38,500	$4,021
SEA TROUT OR WEAKFISH, SPOTTED.	-	-	600	$148	-	-
SHAD.	800	$174	-	-	-	-
SNAPPER, RED.	-	-	-	-	9,700	3,732
WHITE PERCH	-	-	-	-	100	3
TURTLES, SNAPPER.	-	-	-	-	18,500	2,764
TOTAL	2,000	320	94,800	8,888	79,000	11,865

SPCEIES	LINES - CONTINUED					
	TROLL		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH.	11,300	$1,085	-	-	-	-
CARP.	-	-	1,000	$20	-	-
CATFISH AND BULLHEADS	-	-	134,000	21,559	-	-
EEL, COMMON	-	-	200	8	-	-
MACKEREL:						
KING.	94,600	18,480	-	-	-	-
SPANISH	38,300	4,594	-	-	-	-
SHARKS, UNCLASSIFIED.	-	-	700	36	-	-
STRIPED BASS.	-	-	9,000	1,372	-	-
SWORDFISH	-	-	76,900	38,353	-	-
TUNA, BLUEFIN	-	-	13,700	2,029	-	-
WHITE PERCH	-	-	5,700	297	-	-
CRABS, BLUE:						
HARD.	-	-	-	-	2,920,300	$130,607
SOFT AND PEELER	-	-	-	-	20,800	9,348
TURTLES, SNAPPER.	-	-	800	105	-	-
TOTAL	144,200	24,159	242,000	63,779	2,941,100	139,955

SPECIES	SPEARS		DREDGES					
			CLAM		OYSTER, COMMON		SCALLOPS, BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	500	$120	-	-	-	-	-	-
CLAMS:								
HARD, PUBLIC.	-	-	-	-	6,200	$2,485	-	-
RANGIA.	-	-	51,600	$16,557	-	-	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING.	-	-	-	-	45,000	24,765	-	-
FALL.	-	-	-	-	67,200	37,000	-	-
PRIVATE:								
SPRING.	-	-	-	-	52,800	29,092	-	-
FALL.	-	-	-	-	48,600	26,749	-	-
SCALLOPS, BAY	-	-	-	-	-	-	399,100	$184,198
TOTAL	500	120	51,600	16,557	219,800	120,091	399,100	184,198

SPECIES	TONGS AND GRABS				RAKES		BY HAND	
	OYSTER		OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	32,400	$12,969	10,700	$4,279	183,500	$73,425	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING.	84,100	46,248	-	-	-	-	98,900	$54,400
FALL.	98,800	54,316	-	-	4,300	2,378	62,500	34,372
PRIVATE:								
SPRING.	49,500	26,290	-	-	-	-	30,800	16,891
FALL.	64,200	35,848	-	-	-	-	19,400	10,644
TOTAL	329,000	175,671	10,700	4,279	187,800	75,803	211,600	116,307

SOUTH CAROLINA

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, SHRIMP	POTS AND TRAPS	
			CRAB	FISH
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	384	-	12
ON BOATS AND SHORE:				
REGULAR	-	58	117	71
CASUAL	232	-	87	30
TOTAL	232	442	204	113
VESSELS, MOTOR	-	187	-	6
GROSS TONNAGE	-	5,018	-	216
BOATS:				
MOTOR	1	29	204	36
OTHER	11	-	-	-
GEAR:				
NUMBER	12	394	12,240	1,552
LENGTH, YARDS	2,900	-	-	-
YARDS AT MOUTH	-	7,770	-	-

ITEM	GILL NETS		LINES, TROT WITH BAITS	DIP NETS, DROP
	ANCHOR, SET, OR STAKE	DRIFT, SHAD		
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	-	-	6	70
CASUAL	22	125	-	30
TOTAL	22	125	6	100
BOATS, MOTOR	11	125	6	35
GEAR:				
NUMBER	11	125	6	100
SQUARE YARDS	14,350	34,340	-	-
HOOKS OR BAITS	-	-	4,200	-

ITEM	CAST NETS	TONGS AND GRABS, OYSTER	RAKES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	-	-	384
ON BOATS AND SHORE:					
REGULAR	-	77	14	219	545
CASUAL	10	30	40	75	620
TOTAL	10	107	54	294	1,549
VESSELS, MOTOR	-	-	-	-	187
GROSS TONNAGE	-	-	-	-	5,018
BOATS:					
MOTOR	10	107	54	294	829
OTHER	-	-	-	-	11
GEAR, NUMBER	10	107	54	-	-

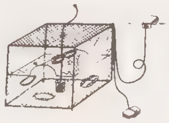
SOUTH CAROLINA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, SHRIMP		POTS AND TRAPS	
					CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	158,000	$18,960	200	$36	-	-
CROAKER	-	-	1,300	76	-	-
DRUM, RED	-	-	200	20	-	-
FLOUNDERS	-	-	40,200	10,152	-	-
KING WHITING OR "KINGFISH"	52,400	5,751	108,700	11,197	-	-
MACKEREL:						
KING	3,600	504	-	-	-	-
SPANISH	-	-	1,300	185	-	-
MENHADEN	235,000	4,700	-	-	-	-
MULLET, BLACK (LISA)	3,258,000	193,640	200	21	-	-
POMPANO	67,200	24,906	1,200	445	-	-
SEA TROUT OR WEAKFISH:						
GRAY	24,300	1,212	4,900	273	-	-
SPOTTED	23,400	6,716	1,100	384	-	-
SHARKS, UNCLASSIFIED	-	-	14,400	1,438	-	-
SPOT	2,099,900	90,233	25,600	1,717	-	-
CRABS, BLUE, HARD	-	-	-	-	5,516,200	$272,628
SHRIMP	1,400	567	4,191,800	2,152,305	-	-
SQUID	-	-	100	11	-	-
TOTAL	5,923,200	346,189	4,391,200	2,178,260	5,516,200	272,628

SPECIES	POTS AND TRAPS - CONTINUED		GILL NETS			
	FISH		ANCHOR, SET OR STAKE		DRIFT, SHAD	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH	1,288,600	$167,994	-	-	-	-
EEL, COMMON	41,200	3,782	-	-	-	-
GROUPERS	100	6	-	-	-	-
SEA BASS	136,300	16,669	-	-	-	-
SHAD	-	-	2,100	$591	117,100	$33,863
STURGEON, COMMON	-	-	42,800	7,636	-	-
TOTAL	1,466,200	188,451	44,900	8,227	117,100	33,863

SPECIES	LINES, TROT WITH BAITS		DIP NETS, DROP		CAST NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	2,817,000	$56,340	-	-
CRABS, BLUE, HARD	208,300	$11,232	-	-	-	-
SHRIMP	-	-	-	-	70,200	$27,718
TOTAL	208,300	11,232	2,817,000	56,340	70,200	27,718

SPECIES	TONGS AND GRABS, OYSTER		RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	22,400	$7,618	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING	714,400	$313,184	-	-	1,059,000	$418,007
FALL	139,400	105,676	-	-	702,300	229,867
TOTAL	853,800	418,860	22,400	7,618	1,761,300	647,874



SOUTH ATLANTIC FISHERIES

GEORGIA

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS AND TRAPS	
		CRAB	SHRIMP	CRAB	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	96	623	-	-
ON BOATS AND SHORE:					
REGULAR	-	154	241	153	14
CASUAL	10	10	215	17	14
TOTAL	10	260	1,079	170	28
VESSELS, MOTOR	-	48	314	-	-
GROSS TONNAGE	-	1,475	10,430	-	-
BOATS:					
MOTOR	5	102	296	128	25
OTHER	-	-	-	1	-
GEAR:					
NUMBER	5	196	893	8,070	235
LENGTH, YARDS	800	-	-	-	-
YARDS AT MOUTH	-	3,100	12,346	-	-

ITEM	GILL NETS, DRIFT, SHAD	LINES			DIP NETS, DROP
		HAND	TROLL	LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	116	-	-	22	15
CASUAL	155	30	6	18	20
TOTAL	271	30	6	40	35
BOATS:					
MOTOR	184	15	3	37	20
OTHER	16	-	-	-	-
GEAR:					
NUMBER	211	30	10	152	1,200
SQUARE YARDS	128,440	-	-	-	-
HOOKS OR BAITS	-	60	10	14,600	-

ITEM	CAST NETS	TONGS AND GRABS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	-	-	623
ON BOATS AND SHORE:				
REGULAR	-	40	25	498
CASUAL	8	-	21	424
TOTAL	8	40	46	1,545
VESSELS, MOTOR	-	-	-	314
GROSS TONNAGE	-	-	-	10,430
BOATS:				
MOTOR	8	40	36	585
OTHER	-	27	16	54
GEAR, NUMBER	8	40	-	-

GEORGIA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS			
			CRAB		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	-	-	300	$30
CROAKER	-	-	-	-	5,100	609
FLOUNDERS	600	$156	300	$50	33,500	5,632
KING WHITING OR "KINGFISH"	-	-	900	128	145,400	18,096
POMPANO	-	-	-	-	700	240
SEA BASS	-	-	-	-	2,700	523
SEA TROUT OR WEAKFISH:						
GRAY	-	-	-	-	1,300	245
SPOTTED	-	-	100	40	1,200	432
SPANISH MACKEREL	-	-	-	-	1,300	258
SPOT	100	7	-	-	5,200	605
STRIPED BASS	100	10	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	800	16	127,600	2,554
CRABS, BLUE, HARD	-	-	2,037,300	74,548	2,372,000	77,640
SHRIMP	-	-	-	-	6,475,800	3,340,985
TOTAL	800	173	2,039,400	74,782	9,172,100	3,447,849

SPECIES	POTS AND TRAPS				GILL NETS, DRIFT, SHAD	
	CRAB		FISH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	500	$35
CARP	-	-	-	-	400	22
CATFISH AND BULLHEADS	-	-	12,900	$3,491	3,800	913
EEL, COMMON	-	-	800	53	-	-
HICKORY SHAD	-	-	-	-	2,000	278
SHAD	-	-	-	-	385,900	99,797
STRIPED BASS	-	-	-	-	600	107
STURGEON, COMMON	-	-	-	-	1,300	328
SUCKERS	-	-	-	-	2,000	136
CRABS, BLUE, HARD	4,102,300	$170,817	-	-	-	-
TOTAL	4,102,300	170,817	13,700	3,544	396,500	101,616

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	300	$28	-	-
CATFISH AND BULLHEADS	-	-	-	-	63,400	$16,858
DRUM:						
BLACK	500	$68	-	-	-	-
RED	2,600	319	-	-	100	14
SEA TROUT OR WEAKFISH, SPOTTED	1,900	709	-	-	-	-
SHEEPSHEAD, SALT-WATER	800	129	-	-	-	-
SNAPPER, RED	100	53	-	-	-	-
STRIPED BASS	600	125	-	-	-	-
SUCKERS	-	-	-	-	700	45
TOTAL	6,500	1,403	300	28	64,200	16,917

SPECIES	DIP NETS, DROP		CAST NETS		TONGS AND GRABS, OYSTER		BY HAND, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MULLET, BLACK (LISA)	-	-	2,000	$199	-	-	-	-
CRABS, BLUE, HARD	44,100	$1,762	-	-	-	-	-	-
OYSTERS, MARKET, PRIVATE:								
SPRING	-	-	-	-	92,900	$32,424	42,500	$14,865
FALL	-	-	-	-	29,900	10,477	16,600	5,797
TOTAL	44,100	1,762	2,000	199	122,800	42,901	59,100	20,662

SOUTH ATLANTIC FISHERIES

FLORIDA, EAST COAST

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS, SHRIMP	POUND NETS, FISH	FYKE AND HOOP NETS, FISH
		MENHADEN	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	119	-	659	-	-
ON BOATS AND SHORE, REGULAR	108	-	4	38	7	15
TOTAL	108	119	4	697	7	15
VESSELS, MOTOR	-	7	-	305	-	-
GROSS TONNAGE	-	1,030	-	13,399	-	-
BOATS:						
MOTOR	24	14	2	21	7	15
OTHER	24	-	-	-	-	-
GEAR:						
NUMBER	28	7	2	620	19	380
LENGTH, YARDS	12,000	3,480	400	-	-	-
YARDS AT MOUTH	-	-	-	9,298	-	-

ITEM	POTS AND TRAPS					GILL NETS	
	CRAB		EEL	FISH	LOBSTER, SPINY	ANCHOR, SET OR STAKE	DRIFT
	BLUE	OTHER					SHAD
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	-	-	128	-	-
ON BOATS AND SHORE:							
REGULAR	110	28	13	244	233	35	9
CASUAL	8	2	-	33	24	-	3
TOTAL	118	30	13	277	385	35	12
VESSELS, MOTOR	-	-	-	-	54	-	-
GROSS TONNAGE	-	-	-	-	800	-	-
BOATS, MOTOR	118	30	13	277	166	20	12
GEAR:							
NUMBER	14,020	4,200	245	10,270	76,420	110	12
SQUARE YARDS	-	-	-	-	-	42,060	9,900

ITEM	GILL NETS - CONTINUED		TRAMMEL NETS	LINES			DIP NETS, COMMON
	DRIFT - CONTINUED	RUNAROUND		HAND	TROLL	LONG OR SET WITH HOOKS	
	OTHER						
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	66	-	176	55	-	-
ON BOATS AND SHORE:							
REGULAR	5	471	18	298	348	668	1
CASUAL	-	27	-	273	180	73	2
TOTAL	5	564	18	747	583	741	3
VESSELS, MOTOR	-	21	-	65	26	-	-
GROSS TONNAGE	-	245	-	1,455	339	-	-
BOATS:							
MOTOR	5	269	18	454	425	737	3
OTHER	-	14	-	-	-	-	-
GEAR:							
NUMBER	5	304	18	747	919	737	3
SQUARE YARDS	15,000	1,072,570	19,400	-	-	-	-
HOOKS OR BAITS	-	-	-	1,185	919	1,463,300	-

ITEM	SPEARS	TONGS AND GRABS, OYSTER	RAKES	HOOKS, SPONGE	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
					OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	-	-	-	-	1,052
ON BOATS AND SHORE:							
REGULAR	-	10	10	14	39	-	2,014
CASUAL	17	4	1	15	3	8	457
TOTAL	17	14	11	29	42	8	3,523
VESSELS, MOTOR	-	-	-	-	-	-	418
GROSS TONNAGE	-	-	-	-	-	-	15,968
BOATS:							
MOTOR	17	14	11	20	42	8	2,051
OTHER	-	-	-	-	-	-	38
GEAR, NUMBER	17	14	11	29	-	-	-

NOTE:--INCLUDES OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA.

FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES				OTTER TRAWLS, SHRIMP	
			MENHADEN		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGELFISH	500	$25	-	-	-	-	-	-
BALLYHOO	-	-	-	-	1,000	$175	-	-
BLUEFISH	163,300	18,703	-	-	-	-	4,000	$534
BLUE RUNNER	3,500	106	-	-	-	-	-	-
CREVALLE	51,200	1,426	-	-	-	-	2,000	51
CROAKER	44,900	7,097	-	-	-	-	27,700	3,634
DRUM:								
BLACK	20,800	1,962	-	-	-	-	4,500	437
RED	33,500	7,773	-	-	-	-	-	-
FLOUNDERS	8,600	1,542	-	-	-	-	162,200	28,779
GOATFISH	35,700	4,067	-	-	-	-	-	-
KING WHITING OR "KINGFISH"	348,100	42,159	-	-	-	-	1,091,900	94,601
MACKEREL, SPANISH	-	-	-	-	-	-	2,100	177
MENHADEN	-	-	32,011,900	$435,362	-	-	-	-
MOJARRA	42,700	3,283	-	-	-	-	-	-
MULLET, BLACK (LISA)	57,800	4,624	-	-	-	-	-	-
POMPANO	6,900	4,914	-	-	-	-	-	-
SEA CATFISH	3,900	387	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
GRAY	73,600	6,755	-	-	-	-	8,700	807
SPOTTED	2,600	744	-	-	-	-	1,000	320
SHAD	180,600	19,862	-	-	-	-	-	-
SHEEPSHEAD, SALT-WATER	2,000	165	-	-	-	-	-	-
SPOT	40,500	5,313	-	-	-	-	2,400	300
TRIGGERFISH	-	-	-	-	-	-	500	35
TRIPLETAIL	1,000	96	-	-	-	-	-	-
UNCLASSIFIED:								
FOR FOOD	27,500	1,613	-	-	-	-	9,700	891
BAIT, REDUCTION AND ANIMAL FOOD	143,000	1,714	-	-	-	-	272,900	5,450
CRABS, BLUE, HARD	-	-	-	-	-	-	170,000	8,900
SHRIMP	-	-	-	-	-	-	5,039,400	2,725,985
SQUID	-	-	-	-	-	-	7,700	1,531
TURTLES:								
GREEN	-	-	-	-	-	-	200	42
LOGGERHEAD	-	-	-	-	-	-	3,900	386
TOTAL	1,292,200	134,330	32,011,900	435,362	1,000	175	6,810,600	2,872,860

SPECIES	POUND NETS, FISH		FYKE AND HOOP NETS, FISH		POTS AND TRAPS			
					CRAB			
					BLUE		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	97,700	$16,062	415,800	$68,357	-	-	-	-
CRABS:								
BLUE:								
HARD	-	-	-	-	7,152,500	$519,784	500	$38
SOFT AND PEELER	-	-	-	-	200	87	-	-
STONE	-	-	-	-	9,000	1,805	163,100	76,851
TOTAL	97,700	16,062	415,800	68,357	7,161,700	521,676	163,600	76,889

SPECIES	POTS AND TRAPS - CONTINUED						GILL NETS	
	EEL		FISH		LOBSTER, SPINY		ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	-	-	-	-	600	$60
CATFISH AND BULLHEADS	-	-	3,649,200	$628,230	-	-	-	-
EEL, COMMON	30,500	$2,344	-	-	-	-	-	-
SEA TROUT OR WEAKFISH, SPOTTED	-	-	-	-	-	-	1,500	480
SHAD	-	-	-	-	-	-	212,900	29,324
CRABS, STONE	-	-	-	-	15,000	$7,095	-	-
LOBSTERS, SPINY	-	-	-	-	1,681,100	807,454	-	-
TOTAL	30,500	2,344	3,649,200	628,230	1,696,100	814,549	215,000	29,864

(CONTINUED ON NEXT PAGE)

FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	GILL NETS - CONTINUED						TRAMMEL NETS	
	DRIFT				RUNAROUND			
	SHAD		OTHER					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	200	$6	-	-
ANGELFISH	-	-	-	-	4,100	206	-	-
BLUEFISH	-	-	-	-	1,083,400	124,009	2,000	$228
BLUE RUNNER	-	-	-	-	16,500	510	1,000	30
CATFISH AND BULLHEADS	-	-	-	-	200	39	-	-
CREVALLE	-	-	-	-	30,000	880	3,000	88
CROAKER	-	-	-	-	209,400	28,160	6,500	963
DRUM:								
BLACK	-	-	-	-	30,700	2,850	-	-
RED	-	-	-	-	82,600	14,354	1,500	232
FLOUNDERS	-	-	-	-	12,800	2,256	-	-
GOATFISH	-	-	-	-	7,600	778	-	-
GRUNTS	-	-	-	-	1,000	104	-	-
KING WHITING OR "KINGFISH"	-	-	-	-	163,400	18,946	2,000	277
MACKEREL:								
KING	-	-	-	-	770,200	135,770	-	-
SPANISH	-	-	25,000	$2,752	2,015,900	213,970	-	-
MENHADEN	-	-	-	-	572,800	14,092	5,000	122
MOJARRA	-	-	-	-	38,600	2,908	1,000	77
MULLET:								
BLACK (LISA)	-	-	-	-	3,031,400	177,026	10,000	580
SILVER	-	-	-	-	164,700	13,423	-	-
PERMIT	-	-	-	-	800	59	-	-
PIGFISH	-	-	-	-	21,300	1,267	-	-
POMPANO	-	-	-	-	226,400	166,615	121,500	88,246
SEA CATFISH	-	-	-	-	4,500	376	500	43
SEA TROUT OR WEAKFISH:								
GRAY	-	-	-	-	62,600	6,840	3,500	416
SPOTTED	500	$160	-	-	591,000	163,023	54,000	14,440
SHAD	136,000	18,110	-	-	-	-	-	-
SHEEPSHEAD, SALT-WATER	-	-	-	-	96,000	8,107	-	-
SPOT	-	-	-	-	1,076,200	155,689	51,500	7,498
TRIPLETAIL	-	-	-	-	1,000	80	-	-
UNCLASSIFIED:								
FOR FOOD	-	-	-	-	214,900	15,630	2,000	100
BAIT, REDUCTION AND ANIMAL FOOD	-	-	-	-	253,400	4,506	10,000	180
TOTAL	136,500	18,270	25,000	2,752	10,783,600	1,272,479	275,000	113,520

SPECIES	LINES						DIP NETS, COMMON	
	HAND		TROLL		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	20,600	$1,088	300	$9	-	-	-	-
ANGELFISH	200	10	-	-	-	-	-	-
BARRACUDA	1,400	42	-	-	-	-	-	-
BLUEFISH	46,200	5,324	54,000	6,122	-	-	-	-
BLUE RUNNER	60,300	1.875	-	-	-	-	-	-
BONITO	100	10	4.000	275	-	-	-	-
CABIO	1,200	111	3,800	296	-	-	-	-
CATFISH AND BULLHEADS	-	-	-	-	9,022,400	$1,572,239	-	-
CREVALLE	90.600	2,630	-	-	-	-	-	-
CROAKER	42,200	5,913	-	-	-	-	-	-
DOLPHIN	2,600	362	13.800	1.647	-	-	-	-
DRUM:								
BLACK	26,700	2,364	-	-	-	-	-	-
RED	35,400	6,179	-	-	-	-	-	-
FLOUNDERS	5,000	964	-	-	-	-	-	-
GOATFISH	4,000	413	-	-	-	-	-	-
GROUPERS	207,500	29,072	-	-	-	-	-	-
GRUNTS	18,200	1,808	-	-	-	-	-	-
HOGFISH	1,000	198	-	-	-	-	-	-
JEWFISH	38,700	2,923	-	-	-	-	-	-
KING WHITING OR "KINGFISH"	79,600	8,807	-	-	-	-	-	-
MACKEREL:								
KING	27,500	5,318	983,900	181,563	-	-	-	-
SPANISH	44,800	4,810	93,500	10,161	-	-	-	-
MOJARRA	16,600	1,255	-	-	-	-	-	-
PERMIT	800	45	-	-	-	-	-	-
PIGFISH	5,000	295	-	-	-	-	-	-
POMPANO	46,600	34,430	-	-	-	-	-	-

(CONTINUED ON NEXT PAGE)

FLORIDA, EAST COAST - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	LINES						DIP NETS, COMMON	
	HAND		TROLL		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SCUP OR PORGY	32,200	$3,028	-	-	-	-	-	-
SEA BASS	62,400	8,726	-	-	-	-	-	-
SEA CATFISH	2,100	175	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
GRAY	27,200	2,946	8,000	$948	-	-	-	-
SPOTTED	65,900	18,586	7,500	2,059	-	-	-	-
SHARKS, UNCLASSIFIED	600	30	-	-	74,900	$2,583	-	-
SHEEPSHEAD, SALT-WATER	27,500	2,312	400	40	-	-	-	-
SNAPPER:								
LANE	900	134	-	-	-	-	-	-
MANGROVE	114,200	25,346	-	-	-	-	-	-
MUTTON	82,800	25,393	-	-	-	-	-	-
RED	689,800	291,998	-	-	-	-	-	-
VERMILION	1,000	301	-	-	-	-	-	-
YELLOWTAIL	77,700	24,696	-	-	-	-	-	-
SPOT	34,000	4,669	-	-	-	-	-	-
TILEFISH	100	6	-	-	-	-	-	-
TRIGGERFISH	1,100	84	-	-	-	-	-	-
WARSAW	17,700	1,671	-	-	-	-	-	-
UNCLASSIFIED:								
FOR FOOD	71,900	5,369	-	-	-	-	-	-
BAIT, REDUCTION AND ANIMAL FOOD	9,900	207	-	-	-	-	-	-
LOBSTERS, SPINY	-	-	-	-	-	-	5,000	$2,398
TURTLE, SOFT-SHELL	-	-	-	-	298,500	18,657	-	-
TOTAL	2,141,800	531,923	1,169,200	203,120	9,395,800	1,593,479	5,000	2,398

SPECIES	SPEARS		TONGS AND GRABS, OYSTER		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	2,000	$369	-	-	-	-
CLAMS, HARD, PUBLIC	-	-	-	-	2,200	$774
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	5,400	$1,890	-	-
FALL	-	-	7,500	2,625	-	-
PRIVATE:						
SPRING	-	-	8,200	2,870	-	-
FALL	-	-	11,200	3,922	-	-
TOTAL	2,000	369	32,300	11,307	2,200	774

SPECIES	HOOKS, SPONGE		BY HAND			
			OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	-	-	200	$66
CONCHS	-	-	-	-	5,200	1,509
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	25,000	$8,759	-	-
FALL	-	-	23,000	8,050	-	-
PRIVATE:						
SPRING	-	-	33,700	11,589	-	-
FALL	-	-	21,100	7,235	-	-
SPONGES:						
GRASS	700	$873	-	-	-	-
SHEEPSWOOL	4,200	23,090	-	-	-	-
YELLOW	2,000	3,138	-	-	-	-
TOTAL	6,900	27,101	102,800	35,633	5,400	1,575

SOUTH ATLANTIC FISHERIES

SUPPLEMENTARY TABLES

FLORIDA - OPERATING UNITS BY DISTRICT, 1966

ITEM	EAST COAST	WEST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	1,052	3,795	4,583
ON BOATS AND SHORE:			
REGULAR	2,014	2,831	4,845
CASUAL	457	1,371	1,828
TOTAL	3,523	7,997	11,256
VESSELS, MOTOR	418	1,279	1,573
GROSS TONNAGE	15,968	52,597	62,791
BOATS:			
MOTOR	2,051	3,079	5,130
OTHER	38	65	103
GEAR:			
HAUL SEINES, COMMON	28	96	124
LENGTH, YARDS	12,000	59,750	71,750
PURSE SEINES:			
MENHADEN	7	3	10
LENGTH, YARDS	3,480	1,590	5,070
TUNA	-	1	1
LENGTH, YARDS	-	300	300
OTHER	2	7	9
LENGTH, YARDS	400	1,450	1,850
OTTER TRAWLS, SHRIMP	620	1,763	2,171
YARDS AT MOUTH	9,298	27,193	33,355
POUND NETS, FISH	19	-	19
FYKE AND HOOP NETS, FISH	380	-	380
POTS AND TRAPS:			
CRABS:			
BLUE	14,020	52,670	66,690
OTHER	4,200	43,243	47,443
EEL	245	-	245
FISH	10,270	-	10,270
LOBSTER, SPINY	76,420	74,550	150,020
GILL NETS:			
ANCHOR, SET OR STAKE	110	4	114
SQUARE YARDS	42,060	1,800	43,860
DRIFT:			
SHAD	12	-	12
SQUARE YARDS	9,900	-	9,900
OTHER	5	16	21
SQUARE YARDS	15,000	33,900	48,900
RUNAROUND	304	1,072	1,369
SQUARE YARDS	1,072,570	1,726,304	2,764,574
TRAMMEL NETS	18	369	387
SQUARE YARDS	19,400	453,789	473,189
LINES:			
HAND	747	2,451	3,195
HOOKS	1,185	7,157	8,336
TROLL	919	837	1,756
HOOKS	919	837	1,756
LONG OR SET WITH HOOKS	737	54	791
HOOKS	1,463,300	5,600	1,468,900
TROT WITH BAITS	-	5	5
BAITS	-	3,125	3,125
DIP NETS:			
COMMON	3	27	30
DROP	-	100	100
CAST NETS	-	4	4
SPEARS	17	60	77
DREDGES, SCALLOP	-	24	24
YARDS AT MOUTH	-	24	24
TONGS:			
OYSTER	14	683	697
OTHER	-	3	3
RAKES	11	-	11
HOOKS:			
SPONGE	29	50	79
OTHER	-	18	18
DIVING OUTFITS	-	11	11

NOTE:--A TOTAL OF 694 FISHERMEN USING 694 MOTOR BOATS FISHED 9,580 FISH POTS AND TRAPS, AND 675 LONG OR SET LINES WITH 1,340,800 HOOKS IN THE INLAND LAKES OF FLORIDA. THESE OPERATING UNITS ARE INCLUDED WITH THOSE OF THE EAST COAST OF FLORIDA.

FLORIDA - LANDINGS BY DISTRICTS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	EAST COAST		WEST COAST		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	(1)	(1)	240	7	240	7
AMBERJACK	21	1	9	(1)	30	1
ANGELFISH	5	(1)	7	(1)	12	(1)
BALLYHOO	1	(1)	96	14	97	14
BARRACUDA	1	(1)	(1)	(1)	1	(1)
BLUEFISH	1,353	155	584	61	1,937	216
BLUE RUNNER	81	3	2,432	75	2,513	78
BONITO	4	(1)	89	5	93	5
CABIO	5	(1)	28	2	33	2
CATFISH AND BULLHEADS	13,185	2,285	24	4	13,209	2,289
CIGARFISH	-	-	320	32	320	32
CREVALLE	177	5	576	20	753	25
CROAKER	331	46	50	4	381	50
DOLPHIN	16	2	61	5	77	7
DRUM:						
BLACK	83	8	65	4	148	12
RED	153	29	645	91	798	120
EEL, COMMON	30	2	-	-	30	2
FLOUNDERS	191	34	209	44	400	78
GOATFISH	47	5	6	1	53	6
GROUPERS	208	29	7,169	905	7,377	934
GRUNTS	19	2	120	10	139	12
HOGFISH	1	(1)	22	3	23	3
JEWFISH	39	3	42	3	81	6
KING WHITING OR "KINGFISH"	1,685	165	155	9	1,840	174
MACKEREL:						
KING	1,782	323	2,633	320	4,415	643
SPANISH	2,181	232	7,004	813	9,185	1,045
MENHADEN	32,590	450	7,302	128	39,892	578
MOJARRA	99	8	114	10	213	18
MULLET:						
BLACK (LISA)	3,099	182	26,958	1,906	30,057	2,088
SILVER	165	13	698	47	863	60
PERMIT	2	(1)	12	1	14	1
PIGFISH	26	2	20	1	46	3
POMPANO	401	294	604	430	1,005	724
SCUP OR PORGY	32	3	30	3	62	6
SEA BASS	62	9	-	-	62	9
SEA CATFISH	11	1	141	8	152	9
SEA TROUT OR WEAKFISH:						
GRAY	184	19	-	-	184	19
SPOTTED	724	200	3,174	775	3,898	975
WHITE	-	-	197	21	197	21
SHAD	530	67	-	-	530	67
SHARKS, UNCLASSIFIED	75	3	(1)	(1)	75	3
SHEEPSHEAD, SALT-WATER	126	11	288	26	414	37
SNAPPER:						
LANE	1	(1)	11	2	12	2
MANGROVE	114	25	312	63	426	88
MUTTON	83	25	82	20	165	45
RED	690	292	5,190	1,809	5,880	2,101
VERMILION	1	(1)	28	7	29	7
YELLOWTAIL	78	25	753	206	831	231
SPANISH SARDINES	-	-	137	4	137	4
SPOT	1,205	173	349	29	1,554	202
STURGEON, COMMON	-	-	8	2	8	2
TENPOUNDER	-	-	986	39	986	39
TILEFISH	(1)	(1)	9	1	9	1
TRIGGERFISH	2	(1)	14	1	16	1
TRIPLETAIL	2	(1)	-	-	2	(1)
WARSAW	18	2	177	15	195	17
UNCLASSIFIED:						
FOR FOOD	326	24	1,196	91	1,522	115
BAIT, REDUCTION, AND ANIMAL FOOD	689	12	320	9	1,009	21
TOTAL FISH	62,934	5,169	71,696	8,086	134,630	13,255
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD	7,323	529	16,547	912	23,870	1,441
SOFT AND PEELER	(1)	(1)	1	(1)	1	(1)
STONE	187	86	883	368	1,070	454
TOTAL CRABS	7,510	615	17,431	1,280	24,941	1,895

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

FLORIDA - LANDINGS BY DISTRICTS, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	EAST COAST		WEST COAST		TOTAL	
SHELLFISH, ETC. - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
LOBSTERS, SPINY	1,686	810	3,664	1,659	5,350	2,469
SHRIMP	5,039	2,726	28,879	12,427	33,918	15,153
CLAMS, HARD, PUBLIC	2	1	4	1	6	2
CONCHS	5	1	51	7	56	8
OYSTERS, MARKET:						
PUBLIC:						
SPRING	30	11	2,014	627	2,044	638
FALL	31	11	1,979	617	2,010	628
PRIVATE:						
SPRING	42	14	89	28	131	42
FALL	32	11	75	24	107	35
TOTAL OYSTERS	135	47	4,157	1,296	4,292	1,343
SCALLOPS, BAY	-	-	9	4	9	4
SQUID	8	1	30	2	38	3
TURTLES:						
GREEN	(1)	(1)	28	5	28	5
LOGGERHEAD	4	(1)	(1)	(1)	4	(1)
SOFT-SHELL	299	19	-	-	299	19
TOTAL TURTLES	303	19	28	5	331	24
SPONGES:						
GRASS	1	1	(1)	(1)	1	1
SHEEPSWOOL	4	23	22	209	26	232
YELLOW	2	3	4	8	6	11
TOTAL SHELLFISH, ETC.	14,695	4,247	54,279	16,898	68,974	21,145
GRAND TOTAL	77,629	9,416	125,975	24,984	203,604	34,400

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--THE LANDINGS OF 11,020,800 POUNDS OF CATFISH AND BULLHEADS (VALUED AT $1,928,642) AND 298,500 POUNDS OF SOFT-SHELL TURTLES (VALUED AT $18,657) TAKEN FROM THE INLAND LAKES ARE INCLUDED WITH THE EAST COAST OF FLORIDA. FOR THE PURPOSE OF THIS REPORT THE "EAST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM NASSAU TO DADE, INCLUSIVE, WHILE THE "WEST COAST OF FLORIDA" INCLUDES THOSE FROM MONROE TO ESCAMBIA, INCLUSIVE.

SOUTH ATLANTIC FISHERIES

SOUTH ATLANTIC SHRIMP FISHERY

Landings of 13.6 million pounds of heads-off shrimp were 3.1 million pounds (19 percent) less than in 1965, but the exvessel value of $10.8 million was about $654,000 greater. Reduced landings of white shrimp in South Carolina and Georgia waters were chiefly responsible for the volume decline. The increased value of landings resulted from a greater proportion of large shrimp in the catch and record exvessel prices throughout the year. In 1966, the average exvessel price (all species and sizes of shrimp combined) was 80 cents per pound--compared with 61 cents per pound in 1965.

In North Carolina, the catch was slightly larger than in 1965 because of increased landings of brown shrimp during the last half of the year. This near-record production helped offset a decline in pink shrimp landings. The catch of pink shrimp (330,870 pounds) was about one-third the 1965 production and the lowest landings since the beginning of detailed records in 1957. Fishermen and industry members attributed an unusually small run of pink shrimp in the spring and early summer to unseasonably cold weather. In 1966, North Carolina fishermen benefited financially because 36 percent of their catch was large shrimp (30 and under heads-off per pound)--compared with 9 percent in the previous year.

South Carolina shrimp landings of 2.7 million pounds declined 38 percent compared with 1965, largely because of greatly reduced landings of white shrimp. The depressed economic conditions that followed failure of the white shrimp crop in 1963 and 1964 were averted in 1966 by record exvessel prices, heavy landings of large shrimp (constituting 40 percent), and an increase of 38 percent in brown shrimp landings compared with 1965.

Shrimp landings at Georgia ports (4.1 million pounds) were 1.4 million pounds less than in 1965, but the exvessel value, $3.3 million, declined only $76,800. The reduced landings resulted from a marked decrease in the catch of white shrimp. During the spring, catches of some vessels were less than 50 pounds per day. A large number of vessels tied up at the dock and landings declined markedly. No royal red shrimp were landed in Georgia during the year, and the few vessels in this fishery unloaded at Florida ports.

Landings of shrimp at Florida, East Coast ports (3.2 million pounds) were 7 percent less than in the previous year. The catch of white shrimp, mainstay of the fishery, was 2.4 million pounds--about one-half million pounds less than in 1965. The exvessel value of shrimp was a record $2.7 million--principally resulting from high exvessel prices. The 99,200-pound catch of royal red shrimp was the largest at Florida, East Coast ports since the fishery began.

The quantities shown in the following tables are heads-off weight of the shrimp and are not directly comparable with the volume data published in this publication's General Review, regional table, or the Review of Certain Major Fisheries, which represent the round weight of the catch.

The pounds of heads-off shrimp may be converted to heads-on (round) weight by multiplying brown shrimp by 1.61, pink by 1.60, white by 1.54, seabobs by 1.53, and royal red by 1.80.

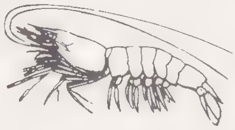
Detailed information on 1966 landings of shrimp in the South Atlantic States, by months for each State, was published in Current Fishery Statistics No. 4415.

SHRIMP TRAWLER

SUMMARY OF SHRIMP LANDINGS, 1966

SIZE	BROWN		PINK		WHITE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
15 - 20	3,878	$3,939	-	-	72,247	$67,086
21 - 25	1,163,849	1,066,464	215	$209	1,248,378	1,168,915
26 - 30	1,642,546	1,486,106	754	683	1,005,264	894,843
31 - 40	2,337,934	1,981,393	1,349	973	1,729,921	1,403,591
41 - 50	1,245,753	881,040	175,280	118,357	920,354	647,815
51 - 67	744,315	411,016	153,937	75,034	615,048	352,811
68 AND OVER	69,458	35,257	484	169	357,885	135,617
TOTAL	7,207,733	5,865,215	332,019	195,425	5,949,097	4,670,678

SIZE	ROYAL RED		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
15 - 20	-	-	76,125	$71,025
21 - 25	30,821	$29,511	2,443,263	2,265,099
26 - 30	6,891	6,127	2,655,455	2,387,759
31 - 40	22,669	19,324	4,091,873	3,405,281
41 - 50	30,566	22,351	2,371,953	1,669,563
51 - 67	8,264	4,910	1,521,564	843,771
68 AND OVER	-	-	427,827	171,043
TOTAL	99,211	82,223	13,588,060	10,813,541



SOUTH ATLANTIC SHRIMP LANDINGS, BY SPECIES AND SIZE, 1966

SPECIES AND SIZE	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
15 - 20	338	$321	-	-	3,414	$3,486
21 - 25	874,947	783,998	190,967	$186,152	55,204	53,783
26 - 30	393,533	328,616	835,202	770,828	301,387	280,080
31 - 40	289,646	223,985	829,091	693,162	856,935	752,431
41 - 50	785,260	530,062	244,575	180,229	117,350	93,957
51 - 67	605,423	320,972	51,400	32,662	30,706	21,187
68 AND OVER	6,299	2,654	-	-	12,791	7,154
TOTAL	2,955,446	2,190,608	2,151,235	1,863,033	1,377,787	1,212,078
PINK:						
21 - 25	-	-	-	-	215	209
26 - 30	549	494	-	-	205	189
31 - 40	1,249	888	-	-	100	85
41 - 50	174,859	118,036	-	-	421	321
51 - 67	153,729	74,894	-	-	208	140
68 AND OVER	484	169	-	-	-	-
TOTAL	330,870	194,481	-	-	1,149	944

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTH ATLANTIC SHRIMP LANDINGS BY SPECIES AND SIZE, 1966 - Continued

SPECIES AND SIZE	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHITE:						
15 - 20	-	-	-	-	6,853	$6,031
21 - 25	-	-	4,485	$4,082	173,455	162,220
26 - 30	4,527	$3,796	41,255	35,597	521,476	468,077
31 - 40	128,217	95,716	184,943	147,112	1,015,690	839,956
41 - 50	86,580	58,007	104,652	71,933	531,573	377,879
51 - 67	41,040	21,232	23,130	13,766	410,817	231,094
68 AND OVER	5,633	2,141	160,958	45,067	103,596	42,706
TOTAL	265,997	180,892	519,423	317,557	2,763,460	2,127,963
GRAND TOTAL	3,552,313	2,565,981	2,670,658	2,180,590	4,142,396	3,340,985

SPECIES AND SIZE	FLORIDA, EAST COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BROWN:				
15 - 20	126	$132	3,878	$3,939
21 - 25	42,731	42,531	1,163,849	1,066,464
26 - 30	112,424	106,582	1,642,546	1,486,106
31 - 40	362,262	311,815	2,337,934	1,981,393
41 - 50	98,568	76,792	1,245,753	881,040
51 - 67	56,786	36,195	744,315	411,016
68 AND OVER	50,368	25,449	69,458	35,257
TOTAL	723,265	599,496	7,207,733	5,865,215
PINK:				
21 - 25	-	-	215	209
26 - 30	-	-	754	683
31 - 40	-	-	1,349	973
41 - 50	-	-	175,280	118,357
51 - 67	-	-	153,937	75,034
68 AND OVER	-	-	484	169
TOTAL	-	-	332,019	195,425
WHITE:				
15 - 20	65,394	61,055	72,247	67,086
21 - 25	1,070,438	1,002,613	1,248,378	1,168,915
26 - 30	438,006	387,373	1,005,264	894,843
31 - 40	401,071	320,807	1,729,921	1,403,591
41 - 50	197,549	139,996	920,354	647,815
51 - 67	140,061	86,719	615,048	352,811
68 AND OVER	87,698	45,703	357,885	135,617
TOTAL	2,400,217	2,044,266	5,949,097	4,670,678
ROYAL RED:				
21 - 25	30,821	29,511	30,821	29,511
26 - 30	6,891	6,127	6,891	6,127
31 - 40	22,669	19,324	22,669	19,324
41 - 50	30,566	22,351	30,566	22,351
51 - 67	8,264	4,910	8,264	4,910
TOTAL	99,211	82,223	99,211	82,223
GRAND TOTAL	3,222,693	2,725,985	13,588,060	10,813,541

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON MULTIPLY BY 1.61 FOR BROWN, 1.60 FOR PINK, 1.54 FOR WHITE, AND 1.80 FOR ROYAL RED. THE AREAS LISTED REPRESENT THE STATES WHERE THE SHRIMP WERE LANDED REGARDLESS OF WHERE CAUGHT. THE NAMES OF THE SPECIES USED IN THESE TABLES ARE AS FOLLOWS: WHITE SHRIMP (MOSTLY PENAEUS SETIFERUS), BROWN SHRIMP (PENAEUS AZTECUS, AND IN SOME CASES PENAEUS BRASILIENSIS), PINK SHRIMP (PENAEUS DUORARUM), AND ROYAL RED (HYMENOPENAEUS ROBUSTUS). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSEL FOR THE FIRST SALE AT THE DOCK. ANY EXPENSES INVOLVED IN HANDLING OR PROCESSING ASHORE ARE NOT INCLUDED, EVEN THOUGH CHARGEABLE TO THE VESSEL. THE SIZE REPORTED GENERALLY IS THAT USED AS OF THE FIRST SALE. SIZE GRADING IN VARYING DEGREES OF UNIFORMITY MAY OR MAY NOT OCCUR AT, OR PRIOR TO, THE TIME FIRST SALES ARE MADE. IF GRADING IS NOT DONE AT THIS TIME, THE SIZE REPORTED IS AN AVERAGE SIZE AND MAY INCLUDE SEVERAL SIZE CLASSIFICATIONS.

SECTION 6 - GULF FISHERIES

The commercial landings of fish and shellfish at ports of the Gulf States (West Coast of Florida, Alabama, Mississippi, Louisiana, and Texas) were 1.2 billion pounds worth a record $122.6 million. The landings were 267.3 million pounds less than the peak production of the previous year, principally because of the large decline in menhaden landings. The exvessel value was $9.0 million more than in 1965, the former record year. The increased value resulted from the record exvessel prices of shrimp throughout the year.

Louisiana led in volume of landings with 656.8 million pounds--130.3 million (17 percent) less than in 1965. Mississippi was next with landings of 269.9 million pounds, followed by Florida West Coast with 126.0 million, and Texas with 122.9 million pounds; these landings declined 27, 7, and 20 percent, respectively, compared with the previous year. Alabama landings were a record 20.6 million pounds--16 percent greater than in 1965, the former record year. Record exvessel values occurred in Texas ($42.7 million), Louisiana ($39.0 million), and Alabama ($6.8 million)--an increase of 20, 6, and 37 percent, respectively, compared with 1965. The Florida West Coast value of $25.0 million was 7 percent less than a year earlier, and the Mississippi value, $9.1 million, was 2 percent less.

Fishermen and vessels. There were 12,082 fishermen aboard vessels--193 more than in 1965; however, the 13,227 fishermen in the boat and shore fishery were 455 less than in the previous year. In operation were 3,782 vessels of 5 net tons or more, 10,366 motor boats, and 282 other boats. The number of vessels was a record high. This fleet had an increase of 99 vessels but a decline of 170 motor boats and 171 other boats compared with a year earlier.

Construction of new fishing vessels in the Gulf States mostly for the shrimp fishery, continued at a record pace. According to Bureau of Customs records, first documents as fishing craft were issued to 373 newly constructed vessels--75 more than in the previous year. About 75 percent of these vessels entered the shrimp fishery--compared with 70 percent in 1965. A trend toward steel hulls became apparent--37 percent of the new shrimp vessels had steel hulls, compared with 24 percent in 1965. The commodious and modern crew quarters aboard vessels constructed during the past 2 years should do much to improve the efficiency of the fleet. Owners of older vessels will have to offer equally good accommodations to secure capable crews.

Legislation. A new law enacted by the Louisiana legislature allowed the Louisiana Wild Life and Fisheries Commission more flexibility in establishing the shrimp season in inside waters. The law provides that inside waters may be opened to shrimp trawling at any time from May 1 to May 25, and that the season may last from 50 to 60 days. The former law set May 15 as the latest permissible opening date, but Commission biologists pointed out that in the past 2 years most of the shrimp caught during the first weeks after that date were too small to sell. The possibility that great numbers of juvenile white shrimp might appear in inshore waters at an early date made a flexible season necessary, with inside waters closed to trawling, to protect the small shrimp until they reach marketable size.

The Alabama legislature enacted a law removing the sales tax formerly levied on diesel fuel used by commercial fishing craft.

Weather. Only two hurricanes, Alma and Inez, threatened fishery installations, craft, or gear during the year. Hurricane Alma skirted from within 50 to 100 miles of the west coast of Florida on June 8 and 9 (the earliest for a hurricane to arrive in many years) but broke up rapidly as it reached Carrabelle, Fla. In early October, hurricane Inez raked the Florida Keys, drifted across the Gulf of Mexico, and went ashore in a somewhat desolate area north of Tampico, Mexico. These hurricanes caused little lost fishing time and only minor gear losses.

Labor. Major labor unions continued to try to organize workers in processing plants at some Gulf ports. In December, employees of a New Orleans fresh and frozen shrimp processing firm selected the Teamster's Union as their bargaining agent.

Shrimp. Shrimp landings of 179.2 million pounds (heads-on) worth a record $83.0 million declined 16.0 million pounds (8 percent) but the value increased $12.1 million (17 percent) compared with 1965. Alabama was the only Gulf State where shrimp landings exceeded those of the previous year. The Alabama production of 10.6 million pounds was nearly 1.0 million more than a year earlier. Florida West Coast landings declined 8.9 million pounds; Texas, 7.1 million pounds; Mississippi, 673,000 pounds; and Louisiana, 317,000 pounds. Three States had record exvessel shrimp values in 1966--Alabama, Louisiana, and Texas. Compared with 1965, the value of Alabama landings, $4.9 million, increased $1.3 million; Louisiana, $24.4 million (up $4.8 million); Texas, $38.5 million (up $7.2 million), and Mississippi, $2.8 million (up $228,000). The only decline was along the West Coast of Florida where the value ($12.4 million) was $1.5 million less than in the previous year.

The smaller landings were principally the result of a sharp decrease in the yield from the Campeche grounds. The catch was the smallest one on record from that area, but no reason could be found for the sudden decline. Most species of shrimp, however, were abundant along the Gulf States, and fishermen made profitable catches on these local grounds. A brisk market demand for shrimp resulted in record exvessel prices throughout the year.

Record shrimp imports (heads-off basis) were 57 percent of the U.S. supply. About 15.0 million pounds (8 percent) of the imports were taken by U.S. flag vessels fishing off the coasts of Central and South America. A small fleet of vessels that usually fished the Campeche grounds shifted to Honduras where they were licensed to catch shrimp in Honduran waters and to land catches at United States operated plants in the area. Catches of United States flag vessels were landed and frozen (chiefly in 5-pound packages) at United States owned and controlled plants in Guyana, French Guiana, Barbados, and Trinidad. A few United States flag vessels also landed small quantities of shrimp in Surinam and Colombia.

Menhaden. Landings of 792.7 million pounds of menhaden were 230.2 million pounds (23 percent) less than in 1965. Landings were the smallest since 1959. Menhaden were less plentiful on most fishing grounds than in the past year, and schools were widely dispersed by frequent thunderstorms and choppy seas, which reduced fishing efficiency. The small catches, with resulting lower crew shares, caused some fishermen to turn to more stable employment in other industries.

Oysters. Production of 17.2 million pounds of oyster meats was 2.0 million less than in the previous year. The decline resulted from the devastating effects of Hurricane Betsy on the Louisiana oyster reefs in 1965. Louisiana landings of 4.8 million pounds were 3.6 million less than in 1965, and the smallest recorded since 1932. Landings of 2.2 million pounds in Mississippi and 4.7 million in Texas were 464,000 and 110,000 pounds less, respectively, than a year earlier. The Florida West Coast harvest of 4.2 million pounds was an increase of 1.4 million and Alabama landings of 1.3 million pounds were nearly three times the 1965 production. About 58,025 barrels of oysters landed in Mississippi were taken from Alabama reefs. The oysters were harvested by Alabama fishermen, checked through a weigh-in station under the supervision of the Alabama Department of Conservation, and loaded aboard vessels for delivery to Mississippi canneries.

The exvessel value of oyster meats ($6.5 million) was almost $800,000 more than in 1965. The gain in value resulted partly from record exvessel prices and partly from a preponderance of oysters used for shucking or the sack (half-shell) trade. Such oysters are higher priced than those used for processing in hermetically sealed cans. However, the market demand for these shucked or sack oysters fluctuated considerably--especially during the unseasonably warm December of 1966.

Crabs. Blue crab landings of 31.1 million pounds were 6.1 million less than in 1965. Alabama, the only State with increased landings of crabs had 2.2 million pounds compared with 1.8 million in 1965. Texas landings (2.8 million pounds) declined 23 percent; Florida West Coast (16.5 million), 20 percent; Mississippi (1.5 million) and Louisiana (8.1 million pounds), 14 percent each. Landings declined because dealers curtailed purchases of crabs when processing costs increased and consumer sales slackened.

Stone crab fishermen along the West Coast of Florida had a good year. Record landings of 883,000 pounds worth $368,000 were 27 and 45 percent greater, respectively, than in the previous year.

Food finfish. Landings of finfish for human consumption were 91.1 million pounds--3.1 million less than in 1965--but the value of $13.2 million was an increase of nearly $600,000. Landings of flounders, red drum, king mackerel, Spanish mackerel, and spotted sea trout also increased. Flounder production of 1.5 million pounds was 21 percent more than in 1965, and a record catch for the second consecutive year. Excellent catches of red drum (2.0 million pounds) and spotted sea trout (5.5 million) in the coastal waters of Louisiana and Texas resulted in a gain of 10 and 7 percent, respectively, compared with the previous year. Despite an ample supply of these fish in the late winter, fishermen received an average price of 2 cents more per pound for red drum and about 1 cent more for spotted sea trout than in 1965. King mackerel and Spanish mackerel were abundant in Florida waters. Landings of king mackerel (2.6 million pounds) and Spanish mackerel (7.1 million) were 39 and 44 percent more, respectively, than in the previous year. It was the second highest catch of king mackerel on record and a record catch of spanish mackerel.

Landings of red snapper, groupers, and black mullet were less than in 1965. Red snapper landings of 12.5 million pounds declined 6 percent compared with the previous year, but the value ($4.0 million) increased 1 percent. A ready market for red snapper boosted exvessel prices to a record 40 cents per pound at some West Coast of Florida ports when the catch was at a seasonal low. Fishermen on small handline vessels fishing for red snapper, principally in waters off the Florida coast, found the catch declining sharply. In contrast only a slight decrease occurred in the catch of red snappers taken by the large, far-ranging vessels. Increased catches by these vessels from the international waters off Honduras almost compensated for a sharp decline in catches from the Campeche grounds. Grouper landings of 7.9 million pounds (caught by handline vessels fishing for red snapper) were 1.2 million pounds less than a year earlier. Black mullet landings were 29.3 million pounds worth $2.0 million--a decline of 3.8 million pounds, but an increase of $164,000 compared with 1965. Mullet were scarce in 1966, and the average exvessel price per pound increased to almost 7 cents--nearly 2 cents more than in 1965.

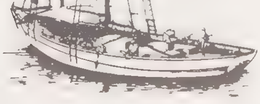
A small quantity of bonito (89,000 pounds) was landed along the West Coast of Florida to supply the needs of a new cannery in Miami. The fish were taken by a purse seine operating under a special State permit. Florida law prohibits using this type of gear to take food fish.

Industrial fish. Landings of industrial fish (used mostly for canned pet food and frozen feed at fur farms) were 78.8 million pounds--compared with 87.7 million in 1965. An increasing number of vessels installed recirculating brine using refrigeration systems. Such systems were automatically included in the specifications for new vessels under construction in this fishery. This type of refrigeration system was expensive, but most vessel owners were apparently convinced that it was the most efficient and, in the long run, the most economical. Under the old system, the tremendous labor involved in manually icing a load of fish often made it difficult to obtain crewmen.

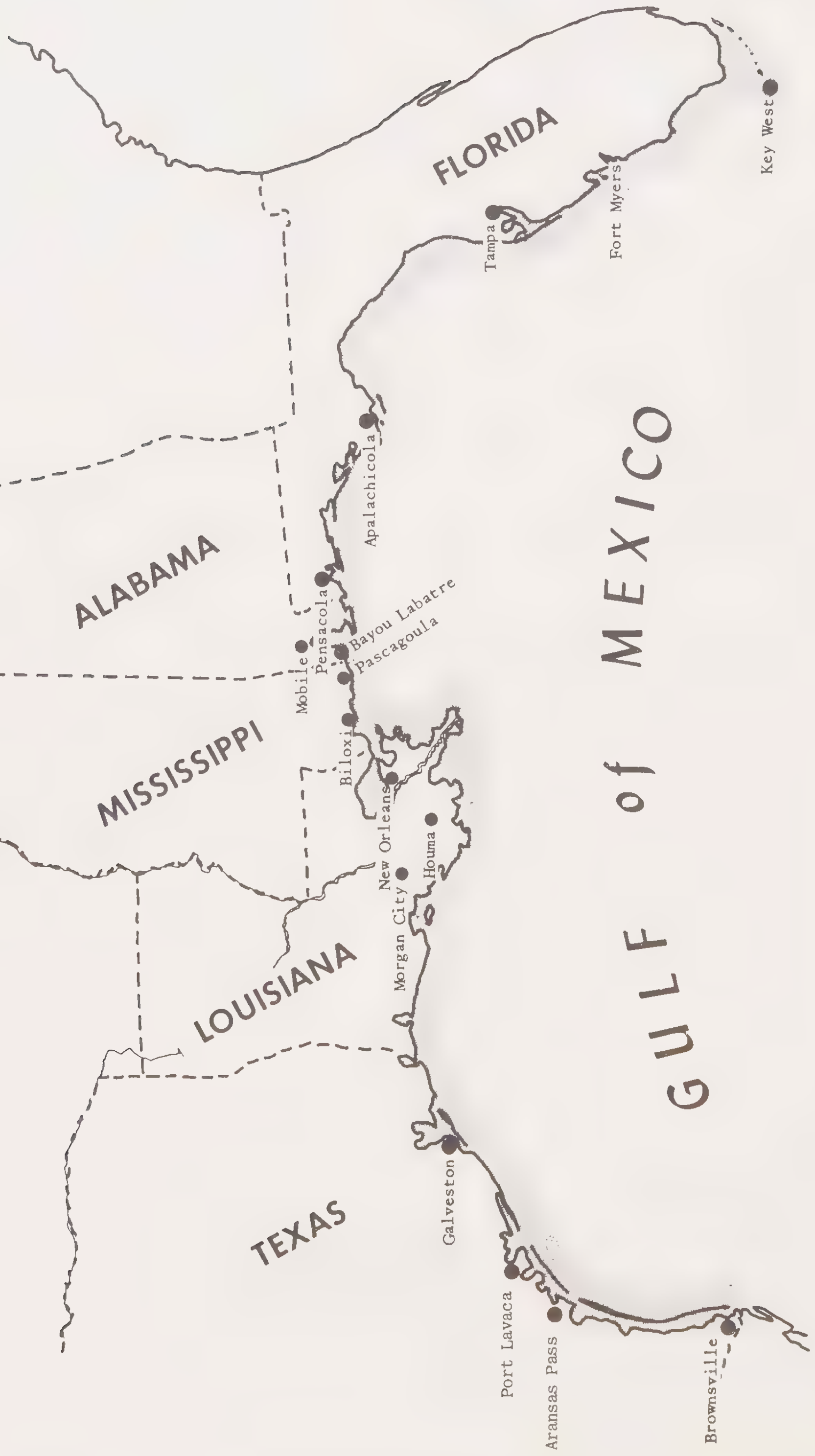
Activities of foreign vessels. Four Norwegian longline vessels fished for sharks off the South Atlantic and Gulf coasts. They made several port calls for repairs and supplies, at which time observers boarded and reported few sharks in the freezers. Large, modern Cuban and Russian vessels were active off both coasts of Florida. They were well beyond the territorial boundaries of the United States, however, so little could be ascertained about their fishing activities. In mid-July several Mexican shrimp trawlers were fishing off the Texas coast but stayed beyond the 3 mile limit.

Other information. Condensed summary data on operating units and landings by States appearing on the following pages have been previously published in Current Fishery Statistics No. 4680. Data on the landings and operating units of the east coast of Florida and the entire State of Florida may be found in Section 5 of this Digest. Seasonal variations in landings of fish and shellfish in Florida, Alabama, Mississippi, Louisiana, and Texas can be ascertained from monthly landing bulletins issued currently for these States in cooperation with the fishery agencies of each State. Additional aspects of the Gulf fisheries may be found in daily, monthly, and annual reports published by the Bureau's Fishery Market News Service, Federal Building, 600 South Street, New Orleans, La. 70130. Specific and detailed accomplishments of the Bureau are contained in Report of the Bureau of Commercial Fisheries, Calendar Year 1966.

Acknowledgments. The following organizations assisted the Bureau to collect data appearing in this Section: Florida State Board of Conservation, Alabama Department of Conservation, Mississippi Marine Conservation Commission, Louisiana Wild Life and Fisheries Commission, and Texas Parks and Wildlife Department.



GULF FISHERIES



GULF STATES

GULF FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1966

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FLORIDA, WEST COAST	72	8	54	17	126	25
ALABAMA	6	1	14	6	20	[illegible]
MISSISSIPPI	259	6	11	3	270	9
LOUISIANA	580	12	77	27	657	39
TEXAS	46	2	77	41	123	43
TOTAL	963	29	233	94	1,196	123

NOTE:--FOR THE PURPOSE OF THIS REPORT THE "WEST COAST OF FLORIDA" INCLUDES THE COASTAL COUNTIES FROM MONROE TO ESCAMBIA, INCLUSIVE.

SUMMARY OF OPERATING UNITS. 1966

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	3,795	1,109	2,028	5,151	4,544	12,082
ON BOATS AND SHORE:						
REGULAR	2,831	705	503	3,605	1,000	8,634
CASUAL	1,371	270	456	1,767	729	4,593
TOTAL	7,997	2,084	2,987	10,523	6,273	25,309
VESSELS, MOTOR	1,279	389	568	1,616	1,552	3,782
GROSS TONNAGE	52,597	15,304	29,127	83,550	82,511	177,124
BOATS:						
MOTOR	3,079	583	973	4,506	1,245	10,366
OTHER	65	95	41	38	43	282
GEAR:						
HAUL SEINES, COMMON	96	-	2	10	22	130
LENGTH, YARDS	59,750	-	1,000	2,200	3,700	66,650
PURSE SEINES:						
MENHADEN	3	-	26	56	10	88
LENGTH, YARDS	1,590	-	13,700	29,659	5,000	46,559
TUNA	1	-	1	-	-	2
LENGTH, YARDS	300	-	300	-	-	600
OTHER	7	-	-	-	-	7
LENGTH, YARDS	1,450	-	-	-	-	1,450
BUTTERFLY NETS, SHRIMP	-	-	-	691	-	691
YARDS AT MOUTH	-	-	-	3,135	-	3,135
OTTER TRAWLS:						
FISH	-	-	97	15	-	108
YARDS AT MOUTH	-	-	1,792	280	-	1,988
SHRIMP	1,763	801	1,045	5,659	3,507	9,969
YARDS AT MOUTH	27,193	13,630	14,558	79,305	50,846	141,472
FYKE AND HOOP NETS, FISH	-	288	-	11,214	15	11,517
POTS AND TRAPS:						
CRAB:						
BLUE	52,670	10,540	3,100	40,240	8,460	115,010
OTHER	43,243	-	-	-	-	43,243
CRAWFISH	-	-	-	11,480	-	11,480
FISH	-	132	-	1,214	-	1,346
LOBSTER, SPINY	74,550	-	-	-	-	74,550
SHRIMP	-	-	-	8	-	8
GILL NETS:						
ANCHOR, SET OR STAKE	4	-	-	202	55	261
SQUARE YARDS	1,800	-	-	69,927	27,960	99,687
DRIFT	16	-	-	-	-	16
SQUARE YARDS	33,900	-	-	-	-	33,900
RUNAROUND	1,072	8	-	-	-	1,080
SQUARE YARDS	1,726,304	4,800	-	-	-	1,731,104
TRAMMEL NETS	369	90	29	85	89	662
SQUARE YARDS	453,789	90,000	21,700	34,059	44,380	643,928
LINES:						
HAND	2,451	232	146	924	657	4,214
HOOKS	7,157	1,286	2,190	1,266	4,496	14,633
TROLL	837	-	-	-	-	837
HOOKS	837	-	-	-	-	837
LONG OR SET WITH HOOKS	54	4	-	1,509	117	1,684
HOOKS	5,600	1,400	-	615,790	176,800	799,590
TROT WITH BAITS	5	8	14	710	13	750
BAITS	3,125	3,200	7,000	386,980	4,800	405,105

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1966 - Continued

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSIS-SIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:						
DIP NETS:						
COMMON.	27	-	-	26	-	53
DROP.	100	-	-	11,067	-	11,167
CAST NETS	4	-	-	20	-	24
SPEARS.	60	56	-	-	195	311
DREDGES:						
OYSTER, COMMON.	-	6	288	743	298	1,209
YARDS AT MOUTH.	-	8	365	865	298	1,394
SCALLOP	24	-	-	-	-	24
YARDS AT MOUTH.	24	-	-	-	-	24
TONGS:						
OYSTER.	683	776	597	169	30	2,255
OTHER	3	-	-	-	-	3
BRUSH TRAPS	-	-	-	16,500	-	16,500
GRABS, FROG	-	-	-	89	-	89
HOOKS:						
SPONGE.	50	-	-	-	-	50
OTHER	18	-	-	-	-	18
DIVING OUTFITS.	11	-	-	-	-	11

LANDINGS BY STATES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES.	240	7	-	-	-	-
AMBERJACK	9	(1)	-	-	-	-
ANGELFISH	7	(1)	-	-	-	-
BALLYHOO.	96	14	-	-	-	-
BARRACUDA	(1)	(1)	-	-	-	-
BLUEFISH.	584	61	9	1	102	10
BLUE RUNNER	2,432	75	-	-	7	(1)
BONITO.	89	5	-	-	-	-
BUFFALOFISH	-	-	53	5	-	-
CABIO	28	2	1	(1)	1	(1)
CATFISH AND BULLHEADS	24	4	20	5	-	-
CIGARFISH	320	32	-	-	1	(1)
CREVALLE.	576	20	-	-	13	1
CROAKER	50	4	52	4	127	10
DOLPHIN	61	5	-	-	-	-
DRUM:						
BLACK	65	4	4	(1)	20	1
RED	645	91	6	1	37	5
FLOUNDERS	209	44	483	72	106	15
GOATFISH.	6	1	-	-	-	-
GROUPERS.	7,169	905	383	51	235	24
GRUNTS.	120	10	-	-	-	-
HOGFISH	22	3	-	-	-	-
JEWFISH	42	3	100	10	-	-
KING WHITING OR "KINGFISH". . .	155	9	669	33	354	21
MACKEREL:						
KING.	2,633	320	-	-	-	-
SPANISH	7,004	813	54	6	5	(1)
MENHADEN.	7,302	128	-	-	190,654	3,465
MOJARRA	114	10	-	-	-	-
MULLET:						
BLACK (LISA).	26,958	1,906	1,697	82	636	32
SILVER.	698	47	-	-	-	-
PADDLEFISH.	-	-	8	1	-	-
PERMIT.	12	1	-	-	-	-
PIGFISH	20	1	-	-	-	-
POMPANO	604	430	1	1	-	-
SCUP OR PORGY	30	3	-	-	-	-
SEA CATFISH	141	8	28	2	98	5
SEA TROUT OR WEAKFISH:						
SPOTTED	3,174	775	47	13	145	36
WHITE	197	21	102	5	174	10
SHARKS, UNCLASSIFIED.	(1)	(1)	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHEEPSHEAD:						
FRESH-WATER	-	-	2	(1)	-	-
SALT-WATER	288	26	12	1	33	2
SNAPPER:						
LANE	11	2	-	-	-	-
MANGROVE	312	63	-	-	-	-
MUTTON	82	20	-	-	-	-
RED	5,190	1,809	2,701	803	2,775	771
VERMILION	28	7	-	-	-	-
YELLOWTAIL	753	206	-	-	-	-
SPANISH SARDINES	137	4	-	-	-	-
SPOT	349	29	27	1	9	1
STURGEON, COMMON	8	2	-	-	-	-
TENPOUNDER	986	39	-	-	-	-
TILEFISH	9	1	-	-	-	-
TRIGGERFISH	14	1	-	-	-	-
TUNA, LITTLE	-	-	-	-	16	1
WARSAW	177	15	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	1,196	91	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	320	9	-	-	63,055	1,203
TOTAL FISH	71,696	8,086	6,459	1,097	258,603	5,613
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD	16,547	912	2,183	182	1,457	105
SOFT AND PEELER	1	(1)	-	-	1	(1)
STONE	883	368	-	-	-	-
TOTAL CRABS	17,431	1,280	2,183	182	1,458	105
LOBSTER, SPINY	3,664	1,659	-	-	-	-
SHRIMP	28,879	12,427	10,608	4,920	7,560	2,751
CLAMS, HARD, PUBLIC	4	1	-	-	-	-
CONCHS	51	7	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	2,014	627	412	167	2,117	550
FALL	1,979	617	781	394	115	47
PRIVATE:						
SPRING	89	28	77	28	-	-
FALL	75	24	34	18	-	-
TOTAL OYSTERS	4,157	1,296	1,304	607	2,232	597
SCALLOPS, BAY	9	4	-	-	-	-
SQUID	30	2	8	1	-	-
TURTLES:						
GREEN	28	5	-	-	-	-
LOGGERHEAD, SEA	(1)	(1)	-	-	-	-
TOTAL TURTLES	28	5	-	-	-	-
SPONGES:						
GRASS	(1)	(1)	-	-	-	-
SHEEPSWOOL	22	209	-	-	-	-
YELLOW	4	8	-	-	-	-
TOTAL SPONGES	26	217	-	-	-	-
TOTAL SHELLFISH, ETC.	54,279	16,898	14,103	5,710	11,250	3,453
GRAND TOTAL	125,975	24,984	20,562	6,807	269,853	9,066

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		TEXAS		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	-	-	-	-	240	7
AMBERJACK	-	-	-	-	9	(1)
ANGELFISH	-	-	-	-	7	(1)
BALLYHOO	-	-	-	-	96	14
BARRACUDA	-	-	-	-	(1)	(1)
BLUEFISH	-	-	-	-	695	72
BLUE RUNNER	-	-	-	-	2,439	75
BONITO	-	-	-	-	89	5
BOWFIN	13	1	-	-	13	1
BUFFALOFISH	594	77	57	8	704	90
CABIO	4	(1)	4	(1)	38	2
CARP	36	1	-	-	36	1
CATFISH AND BULLHEADS	4,205	1,169	10	3	4,259	1,181
CIGARFISH	-	-	-	-	321	32
CREVALLE	-	-	-	-	589	21
CROAKER	20	1	59	3	308	22
DOLPHIN	-	-	-	-	61	5
DRUM:						
BLACK	247	20	1,007	91	1,343	116
RED	532	91	797	216	2,017	404
FLOUNDERS	274	47	380	95	1,452	273
GARFISH	999	74	68	3	1,067	77
GOATFISH	-	-	-	-	6	1
GROUPERS	16	2	89	9	7,892	991
GRUNTS	-	-	-	-	120	10
HOGFISH	-	-	-	-	22	3
JEWFISH	2	(1)	-	-	144	13
KING WHITING OR "KINGFISH"	784	55	201	10	2,163	128
MACKEREL:						
KING	-	-	-	-	2,633	320
SPANISH	3	(1)	(1)	(1)	7,066	819
MENHADEN	555,852	9,558	38,863	773	792,671	13,924
MOJARRA	-	-	-	-	114	10
MULLET:						
BLACK (LISA)	10	(1)	15	1	29,316	2,021
SILVER	-	-	-	-	698	47
PADDLEFISH	5	1	-	-	13	2
PERMIT	-	-	-	-	12	1
PIGFISH	-	-	-	-	20	1
POMPANO	21	14	25	10	651	455
SAWFISH	5	(1)	-	-	5	(1)
SCUP OR PORGY	-	-	-	-	30	3
SEA CATFISH	62	6	79	6	408	27
SEA TROUT OR WEAKFISH:						
SPOTTED	647	154	1,508	410	5,521	1,388
WHITE	70	8	-	-	543	44
SHARKS, UNCLASSIFIED	2	(1)	-	-	2	(1)
SHEEPSHEAD:						
FRESH-WATER	150	17	-	-	152	17
SALT-WATER	156	11	217	18	706	58
SNAPPER:						
LANE	-	-	-	-	11	2
MANGROVE	-	-	-	-	312	63
MUTTON	-	-	-	-	82	20
RED	208	59	1,653	512	12,527	3,954
VERMILION	-	-	-	-	28	7
YELLOWTAIL	-	-	-	-	753	206
SPANISH SARDINES	-	-	-	-	137	4
SPOT	3	(1)	-	-	388	31
STURGEON, COMMON	-	-	-	-	8	2
TENPOUNDER	-	-	-	-	986	39
TILEFISH	-	-	-	-	9	1
TRIGGERFISH	-	-	-	-	14	1
TRIPLETAIL	5	(1)	-	-	5	(1)
TUNA, LITTLE	-	-	-	-	16	1
WARSAW	1	(1)	7	1	185	16
UNCLASSIFIED:						
FOR FOOD	-	-	404	20	1,600	111
BAIT, REDUCTION, AND ANIMAL FOOD	15,389	215	69	4	78,833	1,431
TOTAL FISH	580,315	11,581	45,512	2,193	962,585	28,570

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

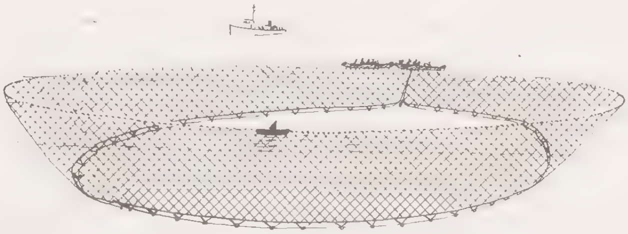
LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		TEXAS		TOTAL	
SHELLFISH, ETC.	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:						
BLUE:						
HARD	7,986	537	2,778	228	30,951	1,964
SOFT AND PEELER	128	85	-	-	130	85
STONE	-	-	-	-	883	368
TOTAL CRABS	8,114	622	2,778	228	31,964	2,417
CRAWFISH, FRESH-WATER	1,324	218	-	-	1,324	218
LOBSTER, SPINY	-	-	-	-	3,664	1,659
SHRIMP:						
FRESH-WATER	7	2	-	-	7	2
SALT-WATER	62,269	24,388	69,907	38,485	179,223	82,971
CLAMS, HARD, PUBLIC	-	-	-	-	4	1
CONCHS	-	-	-	-	51	7
OYSTERS, MARKET:						
PUBLIC:						
SPRING	570	235	2,959	995	8,072	2,574
FALL	453	300	1,567	733	4,895	2,091
PRIVATE:						
SPRING	2,917	1,095	115	57	3,198	1,208
FALL	824	526	84	52	1,017	620
TOTAL OYSTERS	4,764	2,156	4,725	1,637	17,182	6,493
SCALLOPS, BAY	-	-	-	-	9	4
SQUID	1	(1)	22	2	61	5
TERRAPIN	(1)	(1)	-	-	(1)	(1)
TURTLES:						
GREEN, SEA	3	(1)	-	-	31	5
LOGGERHEAD, SEA	-	-	-	-	(1)	(1)
SNAPPER	20	4	-	-	20	4
TOTAL TURTLES	23	4	-	-	51	9
FROGS	17	8	-	-	17	8
SPONGES:						
GRASS	-	-	-	-	(1)	(1)
SHEEPSWOOL	-	-	-	-	22	209
YELLOW	-	-	-	-	4	8
TOTAL SPONGES	-	-	-	-	26	217
TOTAL SHELLFISH, ETC.	76,519	27,398	77,432	40,552	233,583	94,011
GRAND TOTAL	656,834	38,979	122,944	42,745	1,196,168	122,581

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--STATISTICS ON THE LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS AND SPONGES. CLAMS, CONCHS, AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; SCALLOPS IN WEIGHT OF EDIBLE MEATS. SPONGES ARE REPORTED IN MARKETED WEIGHT.



MENHADEN PURSE SEINE

LANDINGS OF CERTAIN SHELLFISH, 1966

(NUMBER AND BUSHELS)

SPECIES		FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI		LOUISIANA		TEXAS		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:													
BLUE:													
HARD.	NUMBER	34,069,584	$911,751	4,365,200	$182,223	3,180,216	$104,598	15,971,200	$537,422	4,777,710	$227,663	62,363,910	$1,963,657
SOFT AND PEELER .	DO	3,200	203	-	-	1,800	90	383,100	84,844	-	-	388,100	85,137
STONE	DO	883,000	368,404	-	-	-	-	-	-	-	-	883,000	368,404
CLAMS, HARD, PUBLIC .	U.S. STD. BUSHEL	412	1,216	-	-	-	-	-	-	-	-	412	1,216
OYSTERS, MARKET:													
PUBLIC:													
SPRING.	DO	482,981	626,779	88,330	167,083	527,880	549,705	117,505	235,343	545,448	994,989	1,762,144	2,573,899
FALL.	DO	564,561	616,674	172,026	393,552	27,035	47,315	126,536	300,259	342,778	732,936	1,232,936	2,090,736
PRIVATE:													
SPRING.	DO	21,346	28,174	16,541	27,705	-	-	601,526	1,095,438	28,847	57,480	668,260	1,208,797
FALL.	DO	21,400	24,467	7,445	18,198	-	-	230,028	525,503	24,167	52,202	283,040	620,370
SCALLOPS, BAY	DO	2,140	4,353	-	-	-	-	-	-	-	-	2,140	4,353

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1966

SPECIES		FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS
		QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:						
BLUE:						
HARD.	NUMBER PER POUND	2.06	2.00	2.18	2.00	1.72
SOFT AND PEELER .	DO	4.00	-	3.00	3.00	-
STONE	DO	1.00	-	-	-	-
CLAMS, HARD, PUBLIC .	LBS. MEATS PER U.S. STD. BUSHEL	8.50	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	DO	4.17	4.67	4.01	4.85	5.43
FALL.	DO	3.51	4.54	4.25	3.58	4.57
PRIVATE:						
SPRING.	DO	4.16	4.67	-	4.85	3.99
FALL.	DO	3.50	4.54	-	3.58	3.48
SCALLOPS, BAY	DO	4.30	-	-	-	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

PROCESSED FISHERY PRODUCTS, 1966

ITEM		FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FLOUNDERS, FROZEN:							
FILLETS	POUNDS	(1)	(1)	-	-	-	-
SPECIALTIES (STUFFED, BREADED, RAW)	DO	-	-	(1)	(1)	-	-
GROUPERS, FRESH AND FROZEN:							
FILLETS	DO	271,359	$146,192	(1)	(1)	-	-
STEAKS	DO	130,626	60,008	(1)	(1)	(1)	(1)
HALIBUT STICKS, BREADED, RAW, FROZEN	DO	(1)	(1)	-	-	-	-
JEWFISH STEAKS, FROZEN	DO	(1)	(1)	-	-	-	-
MENHADEN:							
MEAL AND SCRAP	TONS	(1)	(1)	-	-	19,612	$3,179,244
OIL	1,000 POUNDS	(1)	(1)	-	-	22,548	1,949,278
SOLUBLES	TONS	(1)	(1)	-	-	9,929	647,201
MULLET:							
FRESH AND FROZEN:							
DRESSED	POUNDS	(1)	(1)	-	-	-	-
ROE	DO	25,510	16,089	-	-	-	-
SPLIT FOR SMOKING	DO	(1)	(1)	-	-	-	-
SALTED:							
FISH	DO	141,980	21,141	-	-	-	-
ROE	DO	18,970	12,934	-	-	-	-
SEA TROUT FILLETS, FROZEN	DO	(1)	(1)	-	-	-	-
SNAPPER, RED, FRESH AND FROZEN:							
FILLETS	DO	130,475	127,300	46,600	$39,960	-	-
STEAKS	DO	(1)	(1)	(1)	(1)	-	-
SPANISH MACKEREL FILLETS, FROZEN	DO	2,816,494	1,372,217	-	-	-	-
TRIGGERFISH FILLETS, FRESH	DO	(1)	(1)	-	-	-	-
CRABS:							
BLUE:							
FRESH AND FROZEN:							
COOKED MEAT	DO	1,883,844	2,460,525	427,958	540,307	199,300	229,815
SPECIALTIES (CAKES, DEVILED, BURGERS, STUFFED, ETC.)	DO	(1)	(1)	(1)	(1)	(1)	(1)
CANNED, REGULAR	STANDARD CASES	-	-	-	-	(1)	(1)
BACK SHELLS, CLEANED AND POLISHED	-	-	(1)	-	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-	-	-
STONE CLAWS, COOKED, FROZEN	POUNDS	(1)	(1)	-	-	-	-
LOBSTERS, SPINY, FRESH AND FROZEN:							
WHOLE, COOKED	DO	(1)	(1)	-	-	-	-
TAILS, RAW	DO	(1)	(1)	-	-	-	-
SHRIMP:							
FRESH AND FROZEN:							
RAW, HEADLESS	DO	7,423,011	6,999,696	3,901,427	3,740,052	2,848,000	2,628,100
PEELED (INCLUDING DEVEINED), RAW	DO	9,801,758	12,761,057	(1)	(1)	(1)	(1)
BREADED, RAW AND COOKED	DO	25,596,320	21,960,739	-	-	-	-
SPECIALTIES (BURGERS, STUFFED, GUMBO)	DO	(1)	(1)	(1)	(1)	-	-
CANNED, REGULAR	STANDARD CASES	-	-	-	-	396,800	4,071,536
MEAL AND SCRAP	TONS	(1)	(1)	-	-	-	-
CONCH CHOWDER, CANNED	STANDARD CASES	(1)	(1)	-	-	-	-
OYSTERS:							
SHUCKED, FRESH AND FROZEN	GALLONS	382,833	2,316,551	248,376	1,905,462	92,350	766,505
BREADED, RAW, FROZEN	POUNDS	210,668	183,907	-	-	-	-
CANNED, REGULAR	STANDARD CASES	-	-	-	-	(1)	(1)
SHELL, GRIT AND LIME	TONS	(1)	(1)	(1)	(1)	-	-
SCALLOPS:							
BAY, SHUCKED, FRESH	GALLONS	1,230	8,903	-	-	-	-
SEA, BREADED, RAW	POUNDS	131,124	105,994	-	-	-	-
TURTLE, CANNED, CHOWDERS AND SOUPS	STANDARD CASES	(1)	(1)	-	-	-	-
UNCLASSIFIED:							
FRESH AND FROZEN PACKAGED:							
FILLETS, STEAKS, STICKS, PORTIONS AND OTHER FISH AND SHELLFISH	POUNDS	5,032,137	2,585,881	2,149,238	3,387,029	84,000	52,800

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED - CONTINUED:							
CANNED:							
ANIMAL FOOD.	STANDARD CASES	-	-	-	-	2,090,952	$9,176,003
OTHER.	DO	(3)	(3)	-	-	76,605	1,208,777
INDUSTRIAL	-	-	$312,114	-	(3)	-	-
TOTAL.	-	-	51,451,248	-	$9,612,810	-	23,909,259

ITEM		LOUISIANA		TEXAS	
		QUANTITY	VALUE	QUANTITY	VALUE
CATFISH, FROZEN:					
FILLETS.	POUNDS	(1)	(1)	-	-
DRESSED, SKINS OFF	DO	(1)	(1)	-	-
COD, FREEZE-DRIED.	DO	-	-	(1)	(1)
FLOUNDER SPECIALTIES, FROZEN (STUFFED, BREADED, RAW)	DO	(1)	(1)	(1)	(1)
MENHADEN:					
MEAL AND SCRAP..	TONS	62,296	$9,544,827	(2)	(2)
OIL.	1,000 POUNDS	78,074	6,280,077	(2)	(2)
SOLUBLES	TONS	25,018	1,395,563	(2)	(2)
SEA CATFISH FILLETS, FROZEN.	POUNDS	(1)	(1)	-	-
SEA TROUT FILLETS, FROZEN.	DO	(1)	(1)	-	-
TUNA SPECIALTIES (FREEZE-DRIED MEAT AND SALAD MIX).	DO	-	-	(1)	(1)
CRABS:					
BLUE:					
FRESH AND FROZEN:					
COOKED MEAT.	DO	459,325	582,478	338,207	$406,004
SPECIALTIES (CAKES, DEVILED, BURGERS, STUFFED, ETC.) . . .	DO	184,729	132,482	(1)	(1)
CANNED, SPECIALTIES (BISQUE) . .	STANDARD CASES	(1)	(1)	-	-
KING SPECIALTIES (FREEZE-DRIED MEAT AND SALAD MIX)	POUNDS	-	-	(1)	(1)
CRAWFISH:					
MEAT, COOKED, FRESH.	DO	11,400	15,970	-	-
SPECIALTIES (BISQUE, CAKES AND FLAVORING).	DO	13,672	9,159	-	-
CANNED (BISQUE).	STANDARD CASES	(1)	(1)	-	-
SHRIMP:					
FRESH AND FROZEN:					
RAW, HEADLESS.	DO	15,457,659	15,301,577	26,612,293	25,529,709
PEELED (INCLUDING DEVEINED):					
RAW.	DO	426,375	317,378	9,822,137	13,364,991
COOKED	DO	1,880,809	3,706,940	(1)	(1)
BREADED, RAW AND COOKED.	DO	1,502,678	1,209,955	30,598,118	28,830,101
SPECIALTIES (BURGERS, STUFFED, GUMBO).	DO	395,085	255,288	335,700	271,478
CANNED:					
REGULAR.	STANDARD CASES	1,470,240	16,311,764	(1)	(1)
SPECIALTIES (GUMBO, STEWS, ETC.)	DO	4,099	61,300	-	-
FREEZE-DRIED	POUNDS	-	-	(1)	(1)
SUN-DRIED.	DO	339,540	685,388	-	-
MEAL AND SCRAP	TONS	306	15,200	-	-
OYSTERS:					
SHUCKED, FRESH AND FROZEN.	GALLONS	353,564	2,739,484	268,430	1,941,498
BREADED RAW, FROZEN	POUNDS	-	-	(1)	(1)
SPECIALTIES (BURGERS, STUFFED, ETC.)	DO	(1)	(1)	-	-
CANNED:					
REGULAR.	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (BISQUE)	DO	(1)	(1)	-	-
SHELL, GRIT AND LIME	TONS	-	-	(1)	(1)
TURTLE, CANNED, CHOWDERS AND SOUPS .	STANDARD CASES	(1)	(1)	-	-
UNCLASSIFIED:					
FRESH AND FROZEN, PACKAGED:					
FILLETS, STEAKS, STICKS, PORTIONS, AND OTHER FISH AND SHELLFISH	POUNDS	136,927	73,171	702,663	4,721,416
CANNED	STANDARD CASES	60,232	905,926	(3)	(3)
CURED.	POUNDS	-	-	(3)	(3)
INDUSTRIAL	-	-	-	-	(3)
TOTAL.	-	-	58,252,870	-	76,356,254

1/ INCLUDED WITH UNCLASSIFIED. 2/ THE PRODUCTION OF MENHADEN PRODUCTS IN TEXAS HAS BEEN INCLUDED WITH LOUISIANA. 3/ INCLUDED WITH UNCLASSIFIED FISH AND SHELLFISH. NOTE:--THIS TABLE WILL NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1966

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	14,177
FROZEN	144,350
CANNED	32,121
CURED	2,615
INDUSTRIAL	26,319
TOTAL	219,582

VALUE OF PROCESSED PRODUCTS, BY STATES, 1966

(THOUSANDS OF DOLLARS)

STATE	VALUE
FLORIDA, WEST COAST	51,451
ALABAMA	9,613
MISSISSIPPI	23,909
LOUISIANA	58,253
TEXAS	76,356
TOTAL	219,582

WHOLESALING AND PROCESSING, 1966

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND MANUFACTURING:						
ESTABLISHMENTS	345	66	57	218	153	839
PERSONS ENGAGED:						
AVERAGE FOR SEASON	4,447	1,343	1,670	5,327	5,618	18,405
AVERAGE FOR YEAR	3,395	820	1,107	3,412	4,088	12,822

GULF FISHERIES

FLORIDA, WEST COAST

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES			OTTER TRAWLS, SHRIMP
		MENHADEN	TUNA	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	107	51	6	2	2,140
ON BOATS AND SHORE:					
REGULAR	299	-	-	12	142
CASUAL	18	-	-	-	24
TOTAL	424	51	6	14	2,306
VESSELS, MOTOR	16	3	1	1	886
GROSS TONNAGE	186	867	48	10	43,682
BOATS:					
MOTOR	95	6	-	6	98
OTHER	40	-	-	-	-
GEAR:					
NUMBER	46	3	1	7	1,763
LENGTH, YARDS	59,750	1,590	300	1,450	-
YARDS AT MOUTH	-	-	-	-	27,193

ITEM	POTS AND TRAPS			GILL NETS		
	CRABS		LOBSTER, SPINY	ANCHOR, SET OR STAKE	DRIFT	RUNAROUND
	BLUE	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	10	13	104	-	5	295
ON BOATS AND SHORE:						
REGULAR	294	108	300	2	23	1,094
CASUAL	56	10	12	6	20	158
TOTAL	360	131	416	8	48	1,547
VESSELS, MOTOR	5	8	58	-	3	83
GROSS TONNAGE	47	104	824	-	24	1,233
BOATS:						
MOTOR	321	92	210	4	13	963
OTHER	-	-	-	-	-	26
GEAR:						
NUMBER	52,670	43,243	74,550	4	16	1,072
SQUARE YARDS	-	-	-	1,800	33,900	1,726,304

ITEM	TRAMMEL NETS	LINES				DIP NETS
		HAND	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS	COMMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	49	1,141	80	-	-	-
ON BOATS AND SHORE:						
REGULAR	443	383	189	13	7	2
CASUAL	56	923	282	6	-	25
TOTAL	548	2,447	551	19	7	27
VESSELS, MOTOR	16	274	41	-	-	-
GROSS TONNAGE	149	6,528	580	-	-	-
BOATS, MOTOR	353	898	303	18	55	27
GEAR:						
NUMBER	369	2,451	837	54	5	27
SQUARE YARDS	453,789	-	-	-	-	-
HOOKS OR BAITS	-	7,157	837	5,600	3,125	-

ITEM	DIP NETS CONTINUED	CAST NETS	SPEARS	DREDGES, SCALLOPS, BAY	TONGS	
	DROP				OYSTER	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	-	-	4	-
ON BOATS AND SHORE:						
REGULAR	5	-	38	17	632	3
CASUAL	12	4	22	3	47	-
TOTAL	17	4	60	20	683	3
VESSELS, MOTOR	-	-	-	-	2	-
GROSS TONNAGE	-	-	-	-	16	-
BOATS, MOTOR	17	3	58	12	542	3
GEAR:						
NUMBER	100	4	60	24	683	3
YARDS AT MOUTH	-	-	-	24	-	-

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - OPERATING UNITS BY GEAR, 1966 - Continued

ITEM	HOOKS		DIVING OUTFITS, SPONGE	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	SPONGE	OTHER		OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	22	-	71	-	-	3,795
ON BOATS AND SHORE:						
REGULAR	11	16	-	19	1	2,831
CASUAL.	35	2	-	14	-	1,371
TOTAL	68	18	71	33	1	7,997
VESSELS, MOTOR.	4	-	11	-	-	1,279
GROSS TONNAGE	86	-	178	-	-	52,597
BOATS:						
MOTOR	27	10	-	33	1	3,079
OTHER	2	-	-	-	-	65
GEAR, NUMBER.	50	18	11	-	-	-

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES	
			MENHADEN	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	75,400	$2,261	-	-
ANGELFISH	5,500	281	-	-
BLUEFISH.	276,400	27,265	-	-
BLUE RUNNER	2,029,700	62,261	-	-
BONITO.	12,800	640	-	-
CABIO..	100	4	-	-
CIGARFISH	320,100	32,331	-	-
CREVALLE.	307,400	12,142	-	-
CROAKER	18,500	1,432	-	-
DRUM:				
BLACK	18,100	1,066	-	-
RED	145,700	20,675	-	-
FLOUNDERS	23,800	4,293	-	-
GOATFISH.	5,200	619	-	-
GRUNTS.	1,200	120	-	-
KING WHITING OR "KINGFISH". . .	15,200	1,136	-	-
MACKEREL:				
KING.	51,900	6,348	-	-
SPANISH	587,300	66,925	-	-
MENHADEN.	113,300	3,750	6,741,500	$108,776
MOJARRA	57,700	4,990	-	-
MULLET:				
BLACK (LISA).	6,246,300	448,544	-	-
SILVER.	48,000	2,953	-	-
PIGFISH	800	40	-	-
POMPANO	20,500	14,079	-	-
SEA CATFISH	34,700	1,807	-	-
SEA TROUT OR WEAKFISH:				
SPOTTED	403,200	97,846	-	-
WHITE	23,500	2,678	-	-
SHEEPSHEAD, SALT-WATER.	130,600	11,799	-	-
SNAPPER, MANGROVE	1,800	290	-	-
SPANISH SARDINE	136,500	4,369	-	-
SPOT.	81,600	6,853	-	-
TENPOUNDER.	869,700	34,040	-	-
UNCLASSIFIED:				
FOR FOOD.	216,500	18,372	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	142,600	3,330	-	-
CRABS, BLUE, HARD	1,700	95	-	-
TOTAL	12,423,300	895,634	6,741,500	108,776

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	PURSE SEINES - CONTINUED				OTTER TRAWLS, SHRIMP	
	TUNA		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BALLYHOO	-	-	95,800	$13,553	-	-
BONITO	58,000	$3,034	-	-	-	-
CABIO	-	-	-	-	500	$33
FLOUNDERS	-	-	-	-	74,900	15,532
GROUPERS	-	-	-	-	2,100	288
JEWFISH	-	-	-	-	1,000	58
KING WHITING OR "KINGFISH"	-	-	-	-	107,700	5,994
SEA CATFISH	-	-	-	-	30,700	1,845
SEA TROUT, WHITE	-	-	-	-	200	13
SHEEPSHEAD, SALT-WATER	-	-	-	-	800	52
SNAPPER, RED	-	-	-	-	5,000	1,930
SPOT	-	-	-	-	23,300	1,392
WARSAW	-	-	-	-	200	20
UNCLASSIFIED, FOR FOOD	-	-	-	-	6,700	528
CRABS, BLUE, HARD	-	-	-	-	87,000	4,035
LOBSTER, SPINY	-	-	-	-	64,000	27,322
SHRIMP	-	-	-	-	28,878,700	12,427,414
SQUID	-	-	-	-	30,000	2,031
TURTLES, GREEN	-	-	-	-	400	62
TOTAL	58,000	3,034	95,800	13,553	29,313,200	12,488,549

SPECIES	POTS AND TRAPS					
	CRABS				LOBSTER, SPINY	
	BLUE		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GROUPERS	-	-	-	-	12,000	$1,560
CRABS:						
BLUE:						
HARD	16,310,800	$900,236	-	-	100	5
SOFT AND PEELER	800	203	-	-	-	-
STONE	-	-	827,300	$344,620	55,700	23,784
LOBSTER, SPINY	-	-	-	-	3,590,200	1,627,308
TOTAL	16,311,600	900,439	827,300	344,620	3,658,000	1,652,657

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	154,200	$4,628
ANGELFISH	-	-	-	-	600	27
BLUEFISH	-	-	-	-	237,000	25,857
BLUE RUNNER	-	-	-	-	315,200	9,801
BONITO	-	-	-	-	13,700	685
CABIO	-	-	-	-	1,900	123
CREVALLE	-	-	-	-	196,200	5,366
CROAKER	-	-	-	-	21,700	1,646
DRUM:						
BLACK	-	-	-	-	22,600	1,428
RED	-	-	-	-	347,300	49,164
FLOUNDERS	-	-	-	-	31,300	6,455
GOATFISH	-	-	-	-	1,000	120
GRUNTS	-	-	-	-	900	90
KING WHITING OR "KINGFISH"	-	-	-	-	20,300	1,305
MACKEREL:						
KING	-	-	24,000	$2,960	2,261,500	274,641
SPANISH	-	-	97,400	11,328	5,922,000	689,222
MENHADEN	-	-	-	-	418,800	14,280
MOJARRA	-	-	-	-	44,400	3,506
MULLET:						
BLACK (LISA)	-	-	-	-	18,904,800	1,329,380
SILVER	-	-	-	-	636,900	43,496
PERMIT	-	-	-	-	6,300	686
PIGFISH	-	-	-	-	11,100	568
POMPANO	-	-	26,300	19,664	76,200	53,802
SEA CATFISH	-	-	-	-	40,300	2,305
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	-	-	1,822,300	443,847
WHITE	-	-	-	-	116,000	12,392

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	GILL NETS - CONTINUED					
	ANCHOR, SET OR STAKE		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHEEPSHEAD, SALT-WATER	-	-	-	-	88,700	$8,200
SNAPPER, MANGROVE	-	-	-	-	21,500	3,210
SPOT	-	-	-	-	172,600	14,562
STURGEON, COMMON	1,800	$363	5,900	$1,180	-	-
TENPOUNDER	-	-	-	-	95,200	3,686
UNCLASSIFIED:						
FOR FOOD	-	-	12,000	758	708,600	53,569
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	127,100	3,813
TURTLES:						
GREEN	19,600	3,019	-	-	8,500	2,114
LOGGERHEAD	-	-	-	-	100	11
TOTAL	21,400	3,382	165,600	35,890	32,846,800	3,063,990

SPECIES	TRAMMEL NETS		LINES			
			HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	10,800	$323	-	-	-	-
AMBERJACK	-	-	9,100	$477	-	-
ANGELFISH	-	-	1,100	50	-	-
BARRACUDA	-	-	100	3	-	-
BLUEFISH	45,400	4,745	18,400	1,929	7,000	$794
BLUE RUNNER	60,000	1,993	27,400	961	-	-
BONITO	-	-	400	20	3,900	194
CABIO	-	-	25,100	1,365	100	7
CATFISH AND BULLHEADS	-	-	1,500	239	-	-
CREVALLE	22,200	816	33,900	972	16,200	343
CROAKER	8,300	643	1,400	101	-	-
DOLPHIN	-	-	-	-	60,700	5,208
DRUM:						
BLACK	10,900	676	13,600	808	-	-
RED	65,500	9,091	84,300	12,025	2,200	318
FLOUNDERS	21,500	4,601	5,100	737	-	-
GROUPERS	-	-	7,154,900	903,600	-	-
GRUNTS	-	-	118,100	9,731	-	-
HOGFISH	-	-	21,600	3,361	-	-
JEWFISH	-	-	40,900	3,128	-	-
KING WHITING OR "KINGFISH"	6,900	432	5,000	364	-	-
MACKEREL:						
KING	15,200	1,828	47,100	5,712	233,300	28,426
SPANISH	96,600	10,830	123,700	14,322	177,200	20,565
MENHADEN	28,200	949	-	-	-	-
MOJARRA	700	66	11,300	1,044	-	-
MULLET:						
BLACK (LISA)	1,805,900	127,933	-	-	-	-
SILVER	12,500	697	-	-	-	-
PERMIT	-	-	6,100	714	-	-
PIGFISH	5,400	270	3,100	153	-	-
POMPANO	479,700	341,272	1,700	1,118	-	-
SCUP OR PORGY	-	-	30,200	2,757	-	-
SEA CATFISH	15,100	871	4,400	247	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	527,000	130,573	379,900	92,407	41,400	10,055
WHITE	35,300	3,839	15,700	1,638	6,700	682
SHARKS, UNCLASSIFIED	-	-	200	4	-	-
SHEEPSHEAD, SALT-WATER	9,500	816	58,400	5,314	-	-
SNAPPER:						
LANE	-	-	11,400	1,546	-	-
MANGROVE	7,600	1,129	281,100	58,358	-	-
MUTTON	-	-	82,400	20,489		
RED	-	-	5,185,100	1,807,346	-	-
VERMILION	-	-	27,900	6,618	-	-
YELLOWTAIL	-	-	752,500	205,518	-	-
SPOT	52,000	3,870	18,900	1,957	-	-
TENPOUNDER	15,200	606	5,200	194	200	6
TILEFISH	-	-	9,300	951	-	-
TRIGGERFISH	-	-	13,900	699	-	-
WARSAW	-	-	177,100	14,892	-	-
UNCLASSIFIED:						
FOR FOOD	78,800	5,723	171,700	11,590	1,400	88
BAIT, REDUCTION, AND ANIMAL FOOD	48,500	1,831	1,900	49	-	-
TOTAL	3,484,700	656,373	14,982,100	3,195,508	550,300	66,686

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	LINES - CONTINUED				DIP NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS		COMMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	22,300	$4,217	-	-	-	-
SEA CATFISH	15,900	942	-	-	-	-
CRABS, BLUE, HARD	-	-	147,600	$7,380	-	-
LOBSTER, SPINY	-	-	-	-	7,400	$3,354
TOTAL	38,200	5,159	147,600	7,380	7,400	3,354

SPECIES	DIP NETS - CONTINUED		CAST NETS		SPEARS	
	DROP					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	-	-	-	-	52,500	$12,694
MULLET, BLACK (LISA)	-	-	900	$64	-	-
LOBSTER, SPINY	2,500	$1,133	-	-	-	-
TOTAL	2,500	1,133	900	64	52,500	12,694

SPECIES	DREDGES, SCALLOPS, BAY		TONGS			
			OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	-	-	2,600	$912
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	1,989,200	$618,966	-	-
FALL	-	-	1,967,900	613,278	-	-
PRIVATE:						
SPRING	-	-	88,800	28,174	-	-
FALL	-	-	74,900	24,467	-	-
SCALLOPS, BAY	9,200	$4,353	-	-	-	-
TOTAL	9,200	4,353	4,120,800	1,284,885	2,600	912

SPECIES	HOOKS				DIVING OUTFITS, SPONGE	
	SPONGE		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CONCHS	-	-	51,200	$6,835	-	-
SPONGES:						
GRASS	200	$390	-	-	-	-
SHEEPSWOOL	5,900	33,131	-	-	15,300	$175,428
YELLOW	3,400	5,300	-	-	500	2,214
TOTAL	9,500	38,821	51,200	6,835	15,800	177,642

SPECIES	BY HAND			
	OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	900	$304
OYSTERS, MARKET, PUBLIC:				
SPRING	25,100	$7,813	-	-
FALL	10,900	3,396	-	-
TOTAL	36,000	11,209	900	304

GULF FISHERIES

ALABAMA

OPERATING UNITS BY GEAR, 1966

ITEM	OTTER TRAWLS, SHRIMP	FYKE AND HOOP NETS, FISH	POTS AND TRAPS	
			CRABS, BLUE	FISH
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	882	-	-	-
ON BOATS AND SHORE:				
REGULAR	311	6	67	4
CASUAL	43	3	-	2
TOTAL	1,236	9	67	6
VESSELS, MOTOR	366	-	-	-
GROSS TONNAGE	14,050	-	-	-
BOATS, MOTOR	203	9	63	6
GEAR:				
NUMBER	801	288	10,540	132
YARDS AT MOUTH	13,630	-	-	-

ITEM	GILL NETS, RUNAROUND	TRAMMEL NETS	LINES		
			HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	219	-	-
ON BOATS AND SHORE:					
REGULAR	6	90	8	4	6
CASUAL	2	-	27	-	2
TOTAL	8	90	254	4	8
VESSELS, MOTOR	-	-	22	-	-
GROSS TONNAGE	-	-	1,265	-	-
BOATS:					
MOTOR	6	56	35	4	8
OTHER	2	41	-	-	-
GEAR:					
NUMBER	8	90	232	4	8
SQUARE YARDS	4,800	90,000	-	-	-
HOOKS OR BAITS	-	-	1,286	1,400	3,200

ITEM	SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	13	-	1,109
ON BOATS AND SHORE:				
REGULAR	26	-	574	705
CASUAL	30	-	202	270
TOTAL	56	13	776	2,084
VESSELS, MOTOR	-	3	-	389
GROSS TONNAGE	-	59	-	15,304
BOATS:				
MOTOR	56	-	403	583
OTHER	-	-	54	95
GEAR:				
NUMBER	56	6	776	-
YARDS AT MOUTH	-	8	-	-

ALABAMA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	OTTER TRAWLS, SHRIMP		FYKE AND HOOP NETS, FISH		POTS AND TRAPS			
					CRABS, BLUE		FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	53,400	$5,412	-	-	-	-
CABIO	1,300	$60	-	-	-	-	-	-
CATFISH AND BULLHEADS	-	-	300	107	-	-	13,200	$3,404
CROAKER	33,800	1,932	-	-	-	-	-	-
DRUM:								
BLACK	2,000	136	-	-	-	-	-	-
RED	600	91	-	-	-	-	-	-
FLOUNDERS	463,200	66,003	-	-	-	-	-	-
GROUPERS	3,500	394	-	-	-	-	-	-
JEWFISH	8,600	828	-	-	-	-	-	-
KING WHITING OR "KINGFISH"	658,300	32,536	-	-	-	-	-	-
MACKEREL, SPANISH	2,300	206	-	-	-	-	-	-
MULLET, BLACK (LISA)	700	35	-	-	-	-	-	-
PADDLEFISH	-	-	7,700	1,122	-	-	-	-
POMPANO	1,200	583	-	-	-	-	-	-
SEA CATFISH	21,600	1,340	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
SPOTTED	300	30	-	-	-	-	-	-
WHITE	98,000	4,713	-	-	-	-	-	-
SHEEPSHEAD:								
FRESH-WATER	-	-	2,200	322	-	-	-	-
SALT-WATER	6,500	585	-	-	-	-	-	-
SNAPPER, RED	109,200	25,226	-	-	-	-	-	-
SPOT	1,800	89	-	-	-	-	-	-
CRABS, BLUE, HARD	8,800	696	-	-	2,165,400	$180,821	-	-
SHRIMP	10,608,200	4,920,297	-	-	-	-	-	-
SQUID	7,500	592	-	-	-	-	-	-
TOTAL	12,037,400	5,056,372	63,600	6,963	2,165,400	180,821	13,200	3,404

SPECIES	GILL NETS, RUNAROUND		TRAMMEL NETS		LINES	
					HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	5,600	$481	2,900	$243	100	$11
CROAKER	-	-	18,400	1,989	-	-
DRUM:						
BLACK	400	46	1,900	132	100	4
RED	800	114	3,800	565	900	137
FLOUNDERS	-	-	400	89	-	-
GROUPERS	-	-	100	9	379,200	50,012
JEWFISH	-	-	-	-	91,700	9,127
KING WHITING OR "KINGFISH"	-	-	10,200	464	-	-
MACKEREL, SPANISH	50,900	5,993	600	56	200	14
MULLET, BLACK (LISA)	3,200	148	1,692,900	81,607	-	-
POMPANO	100	40	-	-	100	74
SEA CATFISH	3,100	146	3,700	198	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	1,300	375	33,800	8,864	12,100	3,405
WHITE	-	-	2,900	180	700	47
SHEEPSHEAD, SALT-WATER	700	47	4,400	313	-	-
SNAPPER, RED	-	-	-	-	2,592,100	778,022
SPOT	-	-	25,300	1,087	-	-
TOTAL	66,100	7,390	1,801,300	95,796	3,077,200	840,853

SPECIES	LINES - CONTINUED				SPEARS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	6,000	$1,782	-	-	-	-
FLOUNDERS	-	-	-	-	19,800	$5,897
CRABS, BLUE, HARD	-	-	8,400	$706	-	-
TOTAL	6,000	1,782	8,400	706	19,800	5,897

SPECIES	DREDGES, OYSTER, COMMON		TONGS, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET:				
PUBLIC:				
SPRING	-	-	412,500	$167,083
FALL	-	-	781,000	393,552
PRIVATE:				
SPRING	51,700	$16,986	25,500	10,719
FALL	19,500	10,853	14,300	7,345
TOTAL	71,200	27,839	1,233,300	578,699

GULF FISHERIES

MISSISSIPPI

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES		OTTER TRAWLS
		MENHADEN	TUNA	FISH
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	471	5	168
ON BOATS AND SHORE, REGULAR .	8	-	-	-
TOTAL	8	471	5	168
VESSELS, MOTOR.	-	26	1	72
GROSS TONNAGE	-	7,503	17	3,129
BOATS:				
MOTOR	2	52	-	-
OTHER	4	1	-	-
GEAR:				
NUMBER.	2	26	1	97
LENGTH, YARDS	1,000	13,700	300	-
YARDS AT MOUTH.	-	-	-	1,792

ITEM	OTTER TRAWLS-CONTINUED	POTS AND TRAPS, CRAB	TRAMMEL NETS	LINES
	SHRIMP			HAND
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	1,020	-	18	163
ON BOATS AND SHORE:				
REGULAR	178	28	19	-
CASUAL.	285	6	14	-
TOTAL	1,483	34	51	163
VESSELS, MOTOR.	410	-	6	17
GROSS TONNAGE	16,835	-	72	986
BOATS:				
MOTOR	380	26	32	-
OTHER	-	-	10	-
GEAR:			1	
NUMBER.	1,045	3,100	29	146
SQUARE YARDS.	-	-	21,700	-
YARDS AT MOUTH.	14,558	-	-	-
HOOKS OR BAITS.	-	-	-	2,190

ITEM	LINES - CONTINUED	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	TROT WITH BAITS			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	379	-	2,028
ON BOATS AND SHORE:				
REGULAR	12	30	388	503
CASUAL.	2	10	209	456
TOTAL	14	419	597	2,987
VESSELS, MOTOR.	-	124	-	568
GROSS TONNAGE	-	3,047	-	29,127
BOATS:				
MOTOR	14	20	560	973
OTHER	-	-	30	41
GEAR:				
NUMBER.	14	288	597	-
YARDS AT MOUTH.	-	365	-	-
HOOKS OR BAITS.	7,000	-	-	-

MISSISSIPPI - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES			
			MENHADEN		TUNA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	85,600	$8,560	-	-	-	-
BLUE RUNNER	7,400	370	-	-	-	-
CIGARFISH	1,200	60	-	-	-	-
CREVALLE	13,100	655	-	-	-	-
CROAKER	2,000	160	-	-	-	-
DRUM:						
BLACK	500	30	-	-	-	-
RED	600	90	-	-	-	-
KING WHITING OR "KINGFISH"	600	48	-	-	-	-
MACKEREL, SPANISH	5,000	500	-	-	-	-
MENHADEN	-	-	190,653,800	$3,465,423	-	-
MULLET, BLACK (LISA)	233,000	11,650	-	-	-	-
SEA TROUT OR WEAKFISH, SPOTTED	3,200	750	-	-	-	-
SHEEPSHEAD, SALT-WATER	800	64	-	-	-	-
TUNA, LITTLE	-	-	-	-	16,000	$800
TOTAL	353,000	22,937	190,653,800	3,465,423	16,000	800

SPECIES	OTTER TRAWLS				POTS AND TRAPS, CRAB	
	FISH		SHRIMP			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CROAKER	63,000	$5,010	60,100	$4,728	-	-
DRUM:						
BLACK	500	29	-	-	-	-
RED	2,700	215	400	45	-	-
FLOUNDERS	14,300	2,116	91,600	12,695	-	-
KING WHITING OR "KINGFISH"	147,100	8,957	206,000	12,095	-	-
SEA CATFISH	93,000	4,652	5,100	393	-	-
SEA TROUT OR WEAKFISH, WHITE	131,300	7,016	40,200	2,439	-	-
SHEEPSHEAD, SALT-WATER	7,900	450	1,700	90	-	-
SNAPPER, RED	700	70	7,000	726	-	-
SPOT	3,000	240	3,000	240	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION AND ANIMAL FOOD	63,054,900	1,202,630	-	-	-	-
CRABS, BLUE:						
HARD	-	-	-	-	1,294,900	$94,376
SOFT AND PEELER	-	-	-	-	600	90
SHRIMP	-	-	7,559,900	2,751,063	-	-
TOTAL	63,518,400	1,231,385	7,975,000	2,784,514	1,295,500	94,466

SPECIES	TRAMMEL NETS		LINES			
			HAND		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	16,100	$1,610	-	-	-	-
CABIO	-	-	600	$49	-	-
CROAKER	2,200	152	-	-	-	-
DRUM:						
BLACK	19,100	1,129	-	-	-	-
RED	33,200	4,978	-	-	-	-
GROUPERS	-	-	235,300	23,530	-	-
KING WHITING OR "KINGFISH"	400	32	-	-	-	-
MULLET, BLACK (LISA)	403,400	20,426	-	-	-	-
SEA CATFISH	200	10	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	141,400	35,351	-	-	-	-
WHITE	2,300	150	-	-	-	-
SHEEPSHEAD, SALT-WATER	22,300	1,773	-	-	-	-
SNAPPER, RED	-	-	2,767,200	769,775	-	-
SPOT	3,000	187	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	162,700	$10,222
TOTAL	643,600	65,798	3,003,100	793,354	162,700	10,222

SPECIES	DREDGES, OYSTER, COMMON		TONGS, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET, PUBLIC:				
SPRING	1,210,200	$324,763	906,600	$224,942
FALL	15,700	7,275	99,200	40,040
TOTAL	1,225,900	332,038	1,005,800	264,982

LOUISIANA

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	BUTTERFLY NETS, SHRIMP	OTTER TRAWLS		FYKE AND HOOP NETS, FISH
				FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	984	40	26	3,524	-
ON BOATS AND SHORE:						
REGULAR	28	-	534	-	2,919	207
CASUAL	4	-	5	-	1,220	133
TOTAL	32	984	579	26	7,663	340
VESSELS, MOTOR	-	56	20	11	1,342	-
GROSS TONNAGE	-	19,887	357	578	59,007	-
BOATS:						
MOTOR	8	112	310	-	3,261	335
OTHER	6	-	-	-	-	-
GEAR:						
NUMBER	10	56	691	15	5,659	11,214
LENGTH, YARDS	2,200	29,659	-	-	-	-
YARDS AT MOUTH	-	-	3,135	280	79,305	-

ITEM	POTS AND TRAPS				GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS
	CRAB, BLUE	CRAWFISH	FISH	SHRIMP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	-	-	-	9
ON BOATS AND SHORE:						
REGULAR	321	75	58	-	112	142
CASUAL	76	82	22	1	49	17
TOTAL	397	157	80	1	161	168
VESSELS, MOTOR	-	-	-	-	-	3
GROSS TONNAGE	-	-	-	-	-	71
BOATS:						
MOTOR	272	149	80	1	151	88
OTHER	-	-	-	-	-	18
GEAR:						
NUMBER	40,240	11,480	1,214	6	202	85
SQUARE YARDS	-	-	-	-	69,927	34,059

ITEM	LINES			DIP NETS		CAST NETS
	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS	COMMON	DROP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	59	-	-	-	-	-
ON BOATS AND SHORE:						
REGULAR	34	576	524	11	106	20
CASUAL	108	349	125	15	21	-
TOTAL	201	925	649	26	127	20
VESSELS, MOTOR	13	-	-	-	-	-
GROSS TONNAGE	774	-	-	-	-	-
BOATS, MOTOR	101	925	649	26	127	20
GEAR:						
NUMBER	924	1,509	710	26	11,067	20
HOOKS OR BAITS	1,266	615,790	386,980	-	-	-

ITEM	DREDGES, OYSTER, COMMON	TONGS, OYSTER	BRUSH TRAPS	GRABS, FROG	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
					OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	612	-	-	-	-	-	5,151
ON BOATS AND SHORE:							
REGULAR	333	163	45	59	20	8	3,605
CASUAL	51	6	-	30	-	-	1,767
TOTAL	996	169	45	89	20	8	10,523
VESSELS, MOTOR	217	-	-	-	-	-	1,616
GROSS TONNAGE	4,099	-	-	-	-	-	83,550
BOATS:							
MOTOR	197	114	45	77	20	8	4,506
OTHER	-	10	-	6	-	-	38
GEAR:							
NUMBER	743	169	16,500	89	-	-	-
YARDS AT MOUTH	865	-	-	-	-	-	-

LOUISIANA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		BUTTERFLY NETS, SHRIMP		OTTER TRAWLS FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	3,000	$378	-	-	-	-	-	-
CABIO	-	-	-	-	-	-	100	$7
DRUM:								
BLACK	27,800	2,245	-	-	-	-	-	-
RED	48,400	9,592	-	-	-	-	-	-
FLOUNDERS	100	18	-	-	-	-	-	-
GARFISH	15,900	1,200	-	-	-	-	-	-
KING WHITING OR "KINGFISH"	1,800	128	-	-	-	-	-	-
MACKEREL, SPANISH	400	31	-	-	-	-	-	-
MENHADEN	-	-	555,852,100	$9,557,646	-	-	-	-
MULLET, BLACK (LISA)	1,600	71	-	-	-	-	-	-
POMPANO	100	66	-	-	-	-	-	-
SAWFISH	700	67	-	-	-	-	100	9
SEA CATFISH	10,600	1,046	-	-	-	-	-	-
SEA TROUT OR WEAKFISH, SPOTTED	62,700	14,959	-	-	-	-	-	-
SHARKS, UNCLASSIFIED	300	15	-	-	-	-	-	-
SHEEPSHEAD, SALT-WATER	7,400	488	-	-	-	-	-	-
SPOT	200	6	-	-	-	-	-	-
TRIPLETAIL	100	10	-	-	-	-	100	10
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	-	-	15,389,200	215,327
SHRIMP	-	-	-	-	1,856,300	$489,636	-	-
TOTAL	181,100	30,320	555,852,100	9,557,646	1,856,300	489,636	15,389,500	215,353

SPECIES	OTTER TRAWLS - CONTINUED SHRIMP		FYKE AND HOOP NETS, FISH		POTS AND TRAPS CRAB, BLUE		POTS AND TRAPS CRAWFISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	8,800	$686	-	-	-	-
BUFFALOFISH	-	-	379,800	49,245	-	-	-	-
CABIO	3,400	$241	-	-	-	-	-	-
CARP	-	-	23,500	850	-	-	-	-
CATFISH AND BULLHEADS	-	-	955,800	264,972	-	-	-	-
CROAKER	8,800	450	-	-	-	-	-	-
DRUM:								
BLACK	6,700	541	-	-	-	-	-	-
RED	15,500	2,609	-	-	-	-	-	-
FLOUNDERS	241,500	39,741	-	-	-	-	-	-
GARFISH	-	-	1,800	115	-	-	-	-
GROUPERS	3,500	348	-	-	-	-	-	-
JEWFISH	1,500	75	-	-	-	-	-	-
KING WHITING OR "KINGFISH"	758,700	52,116	-	-	-	-	-	-
MACKEREL, SPANISH	2,000	160	-	-	-	-	-	-
MULLET, BLACK (LISA)	2,000	88	-	-	-	-	-	-
PADDLEFISH	-	-	1,100	109	-	-	-	-
POMPANO	6,000	3,930	-	-	-	-	-	-
SAWFISH	3,100	282	-	-	-	-	-	-
SEA CATFISH	26,000	2,657	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
SPOTTED	8,700	2,077	-	-	-	-	-	-
WHITE	33,900	3,687	-	-	-	-	-	-
SHARKS, UNCLASSIFIED	1,600	80	-	-	-	-	-	-
SHEEPSHEAD:								
FRESH-WATER	-	-	119,400	13,269	-	-	-	-
SALT-WATER	44,900	2,963	-	-	-	-	-	-
SNAPPER, RED	119,300	25,767	-	-	-	-	-	-
SPOT	1,200	34	-	-	-	-	-	-
TRIPLETAIL	4,400	426	-	-	-	-	-	-
CRABS, BLUE:								
HARD	668,800	39,117	-	-	3,125,600	$218,069	-	-
SOFT AND PEELER	200	133	-	-	19,600	13,022	-	-
CRAWFISH, FRESH-WATER	-	-	-	-	-	-	1,273,900	$209,519
SHRIMP	60,413,100	23,897,953	-	-	-	-	-	-
SQUID	900	92	-	-	-	-	-	-
TERRAPIN	200	84	-	-	-	-	-	-
TURTLES:								
GREEN	3,300	407	-	-	-	-	-	-
SNAPPER	-	-	1,800	341	-	-	-	-
TOTAL	62,379,200	24,076,058	1,492,000	329,587	3,145,200	231,091	1,273,900	209,519

SPECIES	POTS AND TRAPS - CONTINUED FISH		POTS AND TRAPS - CONTINUED SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	532,400	$147,415	-	-
SHRIMP	-	-	300	$85
TOTAL	532,400	147,415	300	85

(CONTINUED ON NEXT PAGE)

LOUISIANA - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	GILL NETS, ANCHOR SET OR STAKE		TRAMMEL NETS		LINES			
					HAND		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	4,400	$326	-	-	-	-	-	-
BUFFALOFISH	182,900	23,806	27,800	$3,600	-	-	900	$117
CABIO	-	-	-	-	1,000	$69	-	-
CARP	12,500	427	-	-	-	-	-	-
CATFISH AND BULLHEADS	193,400	53,767	15,000	4,367	-	-	2,508,000	698,621
CROAKER	-	-	11,700	607	-	-	-	-
DRUM:								
BLACK	3,400	274	209,100	16,860	-	-	300	24
RED	13,000	2,472	447,200	74,644	5,500	965	1,800	380
FLOUNDERS	12,800	3,152	18,500	3,639	1,600	264	-	-
GARFISH	935,200	69,254	39,800	2,888	-	-	6,700	498
GROUPERS	-	-	-	-	12,300	1,280	-	-
JEWFISH	-	-	-	-	200	10	-	-
KING WHITING OR "KINGFISH"	-	-	22,300	2,278	1,000	150	-	-
MACKEREL, SPANISH	-	-	-	-	400	31	-	-
MULLET, BLACK (LISA)	-	-	2,200	99	-	-	-	-
PADDLEFISH	2,000	197	1,600	160	-	-	-	-
POMPANO	-	-	-	-	14,500	9,522	-	-
SAWFISH	-	-	800	87	-	-	-	-
SEA CATFISH	-	-	11,900	1,175	500	49	13,500	1,333
SEA TROUT OR WEAKFISH:								
SPOTTED	-	-	566,400	135,147	8,600	2,051	200	48
WHITE	-	-	32,200	3,526	4,100	454	-	-
SHEEPSHEAD:								
FRESH-WATER	28,500	3,711	-	-	-	-	2,500	318
SALT-WATER	-	-	103,000	6,918	900	100	-	-
SNAPPER, RED	-	-	-	-	88,400	32,866	-	-
SPOT	-	-	1,900	57	-	-	-	-
WARSAW	-	-	-	-	1,100	100	-	-
TURTLES, SNAPPER	-	-	-	-	15,400	2,851	3,200	608
TOTAL	1,388,100	157,386	1,511,400	256,052	155,500	50,762	2,537,100	701,947

SPECIES	LINES - CONTINUED		DIP NETS				CAST NETS	
	TROT WITH BAITS		COMMON		DROP			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MULLET, BLACK (LISA)	-	-	-	-	-	-	4,000	$80
CRABS, BLUE:								
HARD	3,475,500	$216,274	-	-	715,700	$63,962	-	-
SOFT AND PEELER	32,800	21,792	-	-	37,200	24,716	-	-
CRAWFISH, FRESH-WATER	-	-	-	-	50,000	8,225	-	-
FROGS	-	-	3,200	$1,500	-	-	-	-
TOTAL	3,508,300	238,066	3,200	1,500	802,900	96,903	4,000	80

SPECIES	DREDGES, OYSTER, COMMON		TONGS, OYSTER		BRUSH TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, SOFT AND PEELER	-	-	-	-	37,900	$25,181
SHRIMP	-	-	-	-	6,700	1,900
OYSTERS, MARKET:						
PUBLIC:						
SPRING	565,100	$233,149	4,800	$2,194	-	-
FALL	430,000	285,016	23,000	15,243	-	-
PRIVATE:						
SPRING	2,836,500	1,059,240	74,600	33,318	-	-
FALL	749,200	476,264	65,100	43,143	-	-
TOTAL	4,580,800	2,053,669	167,500	93,898	44,600	27,081

SPECIES	GRABS, FROG		BY HAND			
			OYSTER		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET, PRIVATE:						
SPRING	-	-	6,300	$2,880	-	-
FALL	-	-	9,200	5,996	-	-
FROGS	12,400	$5,751	-	-	900	$414
TOTAL	12,400	5,751	15,500	8,876	900	414

TEXAS

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, SHRIMP	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, CRABS, BLUE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	170	3,787	-	-
ON BOATS AND SHORE:					
REGULAR.	51	-	772	2	55
CASUAL	17	-	406	-	4
TOTAL.	68	170	4,965	2	59
VESSELS, MOTOR	-	10	1,409	-	-
GROSS TONNAGE.	-	1,664	77,348	-	-
BOATS, MOTOR	22	20	861	2	57
GEAR:					
NUMBER	22	10	3,507	15	8,460
LENGTH, YARDS.	3,700	5,000	-	-	-
YARDS AT MOUTH	-	-	50,846	-	-

ITEM	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES		
			HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	394	-	-
ON BOATS AND SHORE:					
REGULAR.	57	131	8	101	13
CASUAL	10	14	290	20	-
TOTAL.	67	145	692	121	13
VESSELS, MOTOR	-	-	64	-	-
GROSS TONNAGE.	-	-	2,896	-	-
BOATS:					
MOTOR.	55	89	192	117	13
OTHER.	-	43	-	-	-
GEAR:					
NUMBER	55	89	657	117	13
SQUARE YARDS	27,960	44,380	-	-	-
HOOKS OR BAITS	-	-	4,496	176,800	4,800

ITEM	SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	383	-	-	4,544
ON BOATS AND SHORE:					
REGULAR.	93	298	20	2	1,000
CASUAL	102	-	10	-	729
TOTAL.	195	681	30	2	6,273
VESSELS, MOTOR	-	157	-	-	1,552
GROSS TONNAGE.	-	2,761	-	-	82,511
BOATS:					
MOTOR.	108	141	25	2	1,245
OTHER.	-	-	-	-	43
GEAR:					
NUMBER	195	298	30	-	-
YARDS AT MOUTH	-	298	-	-	-

TEXAS - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES, MENHADEN		OTTER TRAWLS, SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CROAKER	-	-	-	-	58,600	$2,910
DRUM:						
BLACK	12,100	$980	-	-	23,800	1,528
RED	63,800	16,090	-	-	300	84
FLOUNDERS	600	150	-	-	204,200	50,560
GROUPERS	-	-	-	-	4,300	430
KING WHITING OR "KINGFISH"	-	-	-	-	200,900	10,319
MENHADEN	-	-	38,863,200	$773,378	-	-
MULLET, BLACK (LISA)	-	-	-	-	15,200	456
POMPANO	12,600	5,040	-	-	-	-
SEA CATFISH	-	-	-	-	43,100	3,144
SEA TROUT OR WEAKFISH, SPOTTED	307,600	81,540	-	-	-	-
SHEEPSHEAD, SALT-WATER	14,500	1,127	-	-	75,600	6,047
SNAPPER, RED	-	-	-	-	86,700	21,995
WARSAW	-	-	-	-	3,600	340
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	358,800	17,941
BAIT, REDUCTION AND ANIMAL FOOD	-	-	-	-	68,800	3,631
CRABS, BLUE, HARD	-	-	-	-	238,300	14,736
SHRIMP	-	-	-	-	69,906,700	38,484,900
SQUID	-	-	-	-	22,500	2,300
TOTAL	411,200	104,927	38,863,200	773,378	71,311,400	38,621,321

SPECIES	FYKE AND HOOP NETS, FISH		POTS AND TRAPS CRABS, BLUE		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	19,500	$2,925	-	-	37,000	$5,550
CATFISH AND BULLHEADS	-	-	-	-	500	160
DRUM:						
BLACK	-	-	-	-	37,700	3,452
RED	-	-	-	-	48,300	13,437
FLOUNDERS	-	-	-	-	64,900	16,421
GARFISH	-	-	-	-	65,000	2,600
SEA CATFISH	-	-	-	-	8,300	646
SEA TROUT OR WEAKFISH, SPOTTED	-	-	-	-	187,600	52,932
SHEEPSHEAD, SALT-WATER	-	-	-	-	9,400	808
UNCLASSIFIED, FOR FOOD	-	-	-	-	19,800	990
CRABS, BLUE, HARD	-	-	2,455,400	$205,451	-	-
TOTAL	19,500	2,925	2,455,400	205,451	478,500	96,996

SPECIES	TRAMMEL NETS		LINES			
			HAND		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABIO	-	-	3,500	$328	-	-
CATFISH AND BULLHEADS	-	-	-	-	9,500	$3,040
DRUM:						
BLACK	262,200	$23,429	38,300	3,071	632,600	58,151
RED	247,000	66,546	38,100	9,478	399,900	109,792
FLOUNDERS	3,900	1,053	14,300	3,434	13,900	3,601
GARFISH	-	-	-	-	3,000	120
GROUPERS	-	-	84,800	8,480	-	-
KING WHITING OR "KINGFISH"	-	-	500	25	-	-
POMPANO	-	-	9,700	3,790	2,800	1,070
SEA CATFISH	10,500	840	1,500	112	16,000	1,280
SEA TROUT OR WEAKFISH, SPOTTED	462,500	125,069	80,500	20,541	470,100	130,096
SHEEPSHEAD, SALT-WATER	36,100	3,366	17,800	1,412	63,800	5,568
SNAPPER, RED	-	-	1,566,400	490,480	-	-
SPANISH MACKEREL	-	-	300	45	-	-
WARSAW	-	-	3,400	340	-	-
UNCLASSIFIED, FOR FOOD	23,900	1,195	900	45	100	4
TOTAL	1,046,100	221,498	1,860,000	541,581	1,611,700	312,722

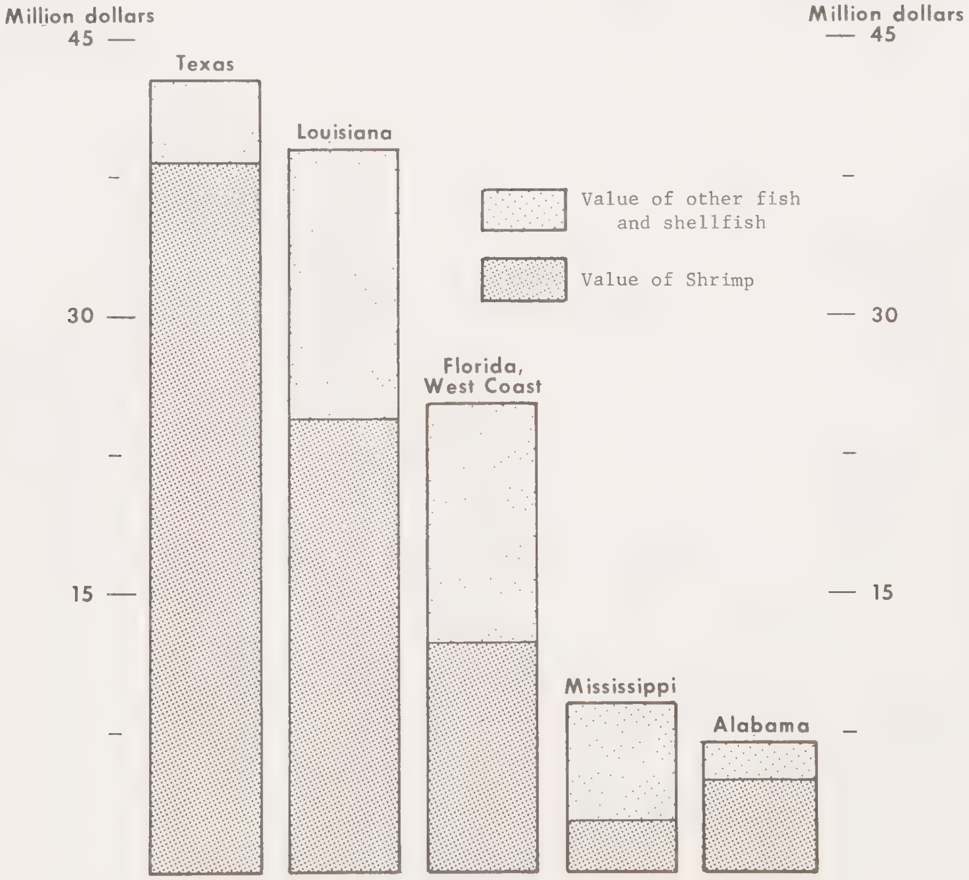
(CONTINUED ON NEXT PAGE)

TEXAS - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	LINES - CONTINUED TROT WITH BAITS		SPEARS		DREDGES, OYSTER, COMMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	-	-	78,300	$19,303	-	-
CRABS, BLUE, HARD	84,000	$7,476	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	-	-	2,916,400	$979,349
FALL	-	-	-	-	1,550,500	725,460
PRIVATE:						
SPRING	-	-	-	-	115,100	57,480
FALL	-	-	-	-	84,100	52,202
TOTAL	84,000	7,476	78,300	19,303	4,666,100	1,814,491

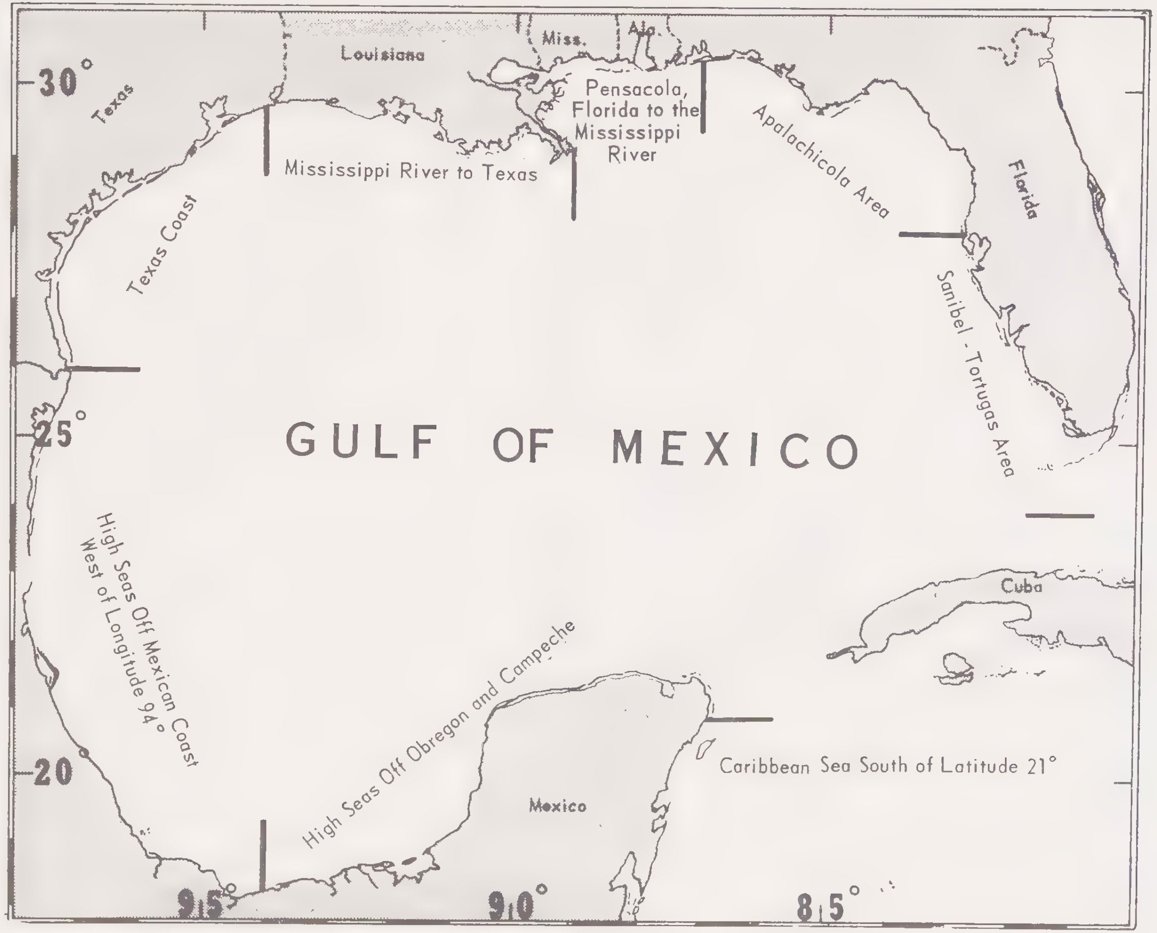
SPECIES	TONGS, OYSTER		BY HAND, OYSTER	
	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET, PUBLIC:				
SPRING	41,500	$14,940	1,400	$700
FALL	15,600	7,176	600	300
TOTAL	57,100	22,116	2,000	1,000

VALUE OF LANDINGS BY STATES, 1966



GULF FISHERIES

MAJOR SHRIMP CATCH STATISTICAL AREAS, GULF OF MEXICO


30°
Texas
Louisiana
Miss.
Ala.
Florida
Pensacola, Florida to the Mississippi River
Mississippi River to Texas
Apalachicola Area
Texas Coast
Sanibel - Tortugas Area
25°
GULF OF MEXICO
High Seas Off Mexican Coast West of Longitude 94°
Cuba
High Seas Off Obregon and Campeche
20
Mexico
Caribbean Sea South of Latitude 21°
95°
90°
85°

GULF SHRIMP FISHERY, 1966

Landings of 112.8 million pounds of shrimp (heads-off) were 10.2 million pounds (8 percent) less than in 1965. The exvessel value of landings, however, was a record $83.0 million--$12.1 million (17 percent) greater than the previous year.

Catches declined on five of the eight major grounds fished by the Gulf fleet. The sharpest decline was on the Obregon-Campeche grounds where landings of 4.1 million pounds were 7.2 million (64 percent) less than in the previous year. The catch was the smallest since the collection of detailed statistics began in 1956. No explanation could be found for the sudden decline.

Landings of about 483,000 pounds from grounds in the international waters off Honduras declined 65 percent compared with a year earlier. Two factors contributed to this decline: 1. The catch of some United States flag vessels was landed in Honduras, frozen and packaged, under a license agreement with that country, and entered the United States as an import rather than as United States landings, as was the case in the previous year. 2. Vessel owners restricted their vessels to fishing in domestic waters because they might have been harassed if they had fished in areas of uncertain boundaries between international and Honduran waters.

In the Gulf of Mexico off the U.S. coast, landings of 39.0 million pounds from waters between the Mississippi River and the Louisiana-Texas border and of 33.2 million pounds from off the Texas coast were 2 and 5 percent less, respectively, than in the previous year. Waters off the Apalachicola, Fla., area yielded 1.8 million pounds--a decrease of 47 percent compared with 1965. Landings of 14.6 million pounds from the waters between Pensacola and the Mississippi River were about the same as a year earlier.

Landings from the Sanibel-Tortugas grounds (13.3 million pounds) and from the international waters off the Mexican coast west of long. 94° W. (6.1 million pounds) increased 4 and 21 percent, respectively, compared with the previous year. The gain resulted from increased fishing effort in these areas when the Obregon-Campeche grounds proved unproductive.

A small quantity (23,475 pounds) of royal red shrimp was landed at Key West, Fla. The catch was taken by vessels fishing in depths of 145 to 250 fathoms in an area southwest of the Tortugas grounds.

Record exvessel prices helped to compensate for the reduced landings. The size of shrimp landed (an important factor in determining the exvessel value) showed little change compared with the previous year.

AVERAGE ANNUAL EXVESSEL PRICE PER POUND OF GULF SHRIMP, BY SIZE, 1962-66

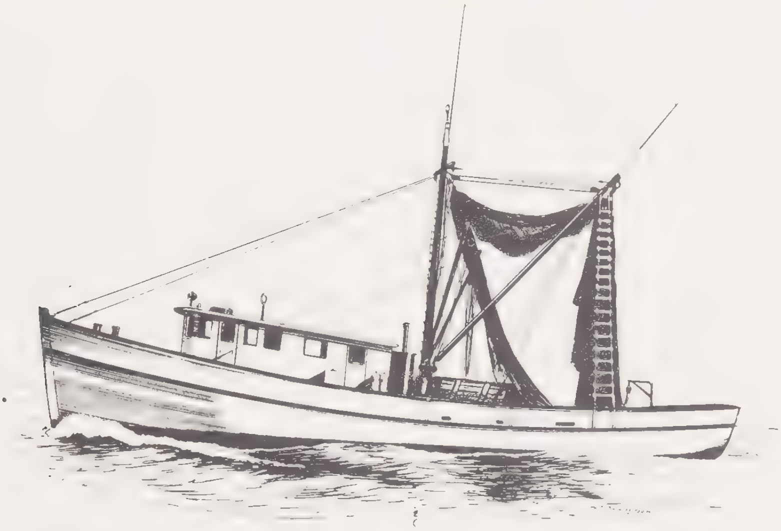
(All species combined)

Size (Heads-off shrimp per pound)	1962	1963	1964	1965	1966
Under 15.	$.96	$.85	$.87	$.92	$1.12
15-20.	.94	.81	.80	.85	1.03
21-25.	.92	.72	.72	.76	.97
26-30.	.86	.62	.65	.69	.92
31-40.	.76	.52	.56	.60	.81
41-50.	.62	.43	.47	.52	.70
51-67.	.50	.31	.38	.44	.57
68 and over.	.36	.19	.27	.29	.37
Average price, all sizes combined	.68	.49	.55	.58	.74

In 1966, Louisiana fishermen increased their use of butterfly nets (so named because when they are suspended on beam frames at each side of a boat they look like wings). These nets, used infrequently in the past, are designed to catch shrimp as they move near the surface--usually at night. The Louisiana legislature enacted a law to regulate the size of the nets. This law established a minimum size of 5/8-inch mesh, bar length, or 1-1/4-inch stretch mesh. Double nets were limited to 12 feet in diameter for each net, and single nets were limited to 22 feet in diameter. These sizes were adopted to prevent complete blocking of bayous or passes by nets fished from the shore. The use of butterfly nets was prohibited during the closed season.

The following tabulations include information on the species of shrimp taken in the Gulf by size of shrimp; the number of fishing trips; and the catch by area, depth, and size. Catch figures represent the heads-off weight and, therefore, are not directly comparable with the heads-on (live-weight) quantities published in this publication's General Review, Regional tables, or the Review of Certain Major Fisheries. The pounds of heads-off shrimp may be converted to heads-on (round) weight by multiplying brown shrimp weight by 1.61, white by 1.54, pink by 1.60, seabobs by 1.53, and royal red by 1.80.

Information on the landings and catch of shrimp in the Gulf area in the following tables has been previously published in Current Fishery Statistics No. 4415. Data on landings and value of shrimp by species and size for the South Atlantic States are included in Section 5 of this Digest.



LARGE SHRIMP TRAWLER

SUMMARY OF GULF SHRIMP LANDINGS, 1966

SPECIES	BROWN		PINK		WHITE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UNDER 15.	1,898,074	$2,127,824	184,893	$201,690	773,934	$864,529
15 - 20	6,953,477	7,139,317	917,995	892,973	3,887,710	4,069,232
21 - 25	9,647,647	9,482,542	1,908,855	1,712,869	3,238,797	3,170,717
26 - 30	6,422,165	6,102,222	2,299,695	1,942,344	2,366,020	2,138,373
31 - 40	13,002,985	10,752,493	4,823,067	3,699,871	4,285,232	3,384,603
41 - 50	5,371,791	3,909,454	3,245,476	2,124,282	2,461,255	1,695,007
51 - 67	5,801,751	3,561,981	3,398,263	1,869,509	6,623,496	3,623,265
68 AND OVER	14,871,000	5,133,424	1,593,684	646,583	6,280,577	2,598,447
TOTAL	63,968,890	48,209,257	18,371,928	13,090,121	29,917,021	21,544,173

SPECIES	SEA BOBS		ROYAL RED		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UNDER 15.	-	-	-	-	2,856,901	$3,194,043
15 - 20	-	-	-	-	11,759,182	12,101,522
21 - 25	-	-	-	-	14,795,299	14,366,128
26 - 30	-	-	2,255	$1,827	11,090,135	10,184,766
31 - 40	-	-	17,410	12,859	22,128,694	17,849,826
41 - 50	-	-	3,810	2,551	11,082,332	7,731,294
51 - 67	-	-	-	-	15,823,510	9,054,755
68 AND OVER	472,956	$110,475	-	-	23,218,217	8,488,929
TOTAL	472,956	110,475	23,475	17,237	112,754,270	82,971,263

GULF SHRIMP LANDINGS BY SPECIES AND SIZE, 1966

SPECIES AND SIZE	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	715	$736	125,612	$135,860	7,780	$8,487
15 - 20	59,113	58,587	545,024	565,897	60,931	63,613
21 - 25	81,346	79,329	664,190	638,642	108,233	100,559
26 - 30	182,946	173,750	680,568	654,999	104,882	96,197
31 - 40	168,607	136,225	756,637	636,470	315,882	250,513
41 - 50	157,182	111,015	606,595	445,245	387,248	264,845
51 - 67	245,873	137,842	850,716	487,481	1,023,248	565,162
68 AND OVER	198,177	88,836	1,596,494	671,643	1,880,266	810,210
TOTAL	1,093,959	786,320	5,825,836	4,236,237	3,888,470	2,159,586
PINK:						
UNDER 15	20,851	20,636	-	-	175	197
15 - 20	476,632	452,323	60	64	3,149	3,379
21 - 25	1,503,158	1,331,587	88	88	2,811	2,840
26 - 30	2,025,291	1,695,225	1,994	1,672	2,622	2,455
31 - 40	4,323,873	3,298,438	3,061	2,412	9,935	7,961
41 - 50	3,089,582	2,007,508	3,327	2,494	12,866	8,690
51 - 67	3,301,772	1,802,492	9,497	6,057	6,825	3,757
68 AND OVER	1,591,336	645,558	2,348	1,025	-	-
TOTAL	16,332,495	11,253,767	20,375	13,812	38,383	29,279
WHITE:						
UNDER 15	1,070	1,206	10,150	11,106	1,280	1,376
15 - 20	44,984	46,145	227,836	243,502	72,724	74,564
21 - 25	82,626	76,861	146,191	144,722	81,939	76,226
26 - 30	45,948	39,677	82,120	75,037	115,559	99,397
31 - 40	50,858	39,404	62,661	50,118	76,887	58,437
41 - 50	40,423	27,681	68,553	48,000	66,666	47,744
51 - 67	101,118	55,249	75,709	45,843	103,058	63,964
68 AND OVER	188,010	74,737	103,396	51,920	285,843	140,490
TOTAL	555,037	360,960	776,616	670,248	803,956	562,198
SEA BOBS	57,977	9,130	-	-	-	-
ROYAL RED:						
26 - 30	2,255	1,827	-	-	-	-
31 - 40	17,410	12,859	-	-	-	-
41 - 50	3,810	2,551	-	-	-	-
TOTAL	23,475	17,237	-	-	-	-
GRAND TOTAL	18,062,943	12,427,414	6,622,827	4,920,297	4,730,809	2,751,063

SPECIES AND SIZE	LOUISIANA		TEXAS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS.	VALUE
BROWN:						
UNDER 15	351,176	$388,304	1,412,791	$1,594,437	1,898,074	$2,127,824
15 - 20	954,308	1,019,791	5,334,101	5,431,429	6,953,477	7,139,317
21 - 25	739,639	741,693	8,054,239	7,922,319	9,647,647	9,482,542
26 - 30	1,086,923	1,015,132	4,366,846	4,162,144	6,422,165	6,102,222
31 - 40	2,466,071	1,992,687	9,295,788	7,736,598	13,002,985	10,752,493
41 - 50	1,653,781	1,176,684	2,566,985	1,911,665	5,371,791	3,909,454
51 - 67	1,881,041	1,124,964	1,800,873	1,246,532	5,801,751	3,561,981
68 AND OVER	10,077,925	3,251,438	1,118,138	311,297	14,871,000	5,133,424
TOTAL	19,210,864	10,710,693	33,949,761	30,316,421	63,968,890	48,209,257
PINK:						
UNDER 15	1,435	1,538	162,432	179,319	184,893	201,690
15 - 20	2,825	2,877	435,329	434,330	917,995	892,973
21 - 25	1,275	1,237	401,523	377,117	1,908,855	1,712,869
26 - 30	2,340	2,219	267,448	240,773	2,299,695	1,942,344
31 - 40	10	8	486,188	391,052	4,823,067	3,699,871
41 - 50	360	263	139,341	105,327	3,245,476	2,124,282
51 - 67	-	-	80,169	57,203	3,398,263	1,869,509
68 AND OVER	-	-	-	-	1,593,684	646,583
TOTAL	8,245	8,142	1,972,430	1,785,121	18,371,928	13,090,121
WHITE:						
UNDER 15	452,086	504,069	309,348	346,772	773,934	864,529
15 - 20	1,955,498	2,058,839	1,586,668	1,646,182	3,887,710	4,069,232
21 - 25	1,966,912	1,957,757	961,129	915,151	3,238,797	3,170,717
26 - 30	1,145,155	1,048,982	977,238	875,280	2,366,020	2,138,373
31 - 40	2,446,076	1,897,512	1,648,750	1,339,132	4,285,232	3,384,603
41 - 50	1,576,494	1,070,246	709,119	501,336	2,461,255	1,695,007
51 - 67	5,587,785	2,998,577	755,826	459,632	6,623,496	3,623,265
68 AND OVER	4,799,655	2,031,427	903,673	299,873	6,280,577	2,598,447
TOTAL	19,929,661	13,567,409	7,851,751	6,383,358	29,917,021	21,544,173
SEA BOBS	414,979	101,345	-	-	472,956	110,475
ROYAL RED:						
26 - 30	-	-	-	-	2,255	1,827
31 - 40	-	-	-	-	17,410	12,859
41 - 50	-	-	-	-	3,810	2,551
TOTAL	-	-	-	-	23,475	17,237
GRAND TOTAL	39,563,749	24,387,589	43,773,942	38,484,900	112,754,270	82,971,263

SEE NOTE ON PAGE 309.

GULF COAST SHRIMP LANDINGS BY AREA, DEPTH, AND SIZE, 1966

MAJOR WATER AREA, DEPTH, AND SPECIES	TRIPS	SIZE (HEADS-OFF PER POUND) UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 & OVER	TOTAL
	NUMBER	POUNDS								
SANIBEL AND TORTUGAS										
0 - 5 FATHOMS: PINK		-	-	1,977	1,315	5,983	19,484	-	19	28,778
6 - 20 FATHOMS: BROWN		35	-	-	-	-	-	-	-	35
PINK		899	241,502	1,107,824	1,306,596	2,945,097	2,679,709	3,098,851	1,510,809	12,891,287
21 - 35 FATHOMS: PINK		-	17,311	93,911	80,990	127,162	29,883	21,147	4,413	374,817
146 - 250 FATHOMS: ROYAL RED		-	-	-	2,255	17,410	3,810	-	-	23,475
TOTAL	8,662.9	934	258,813	1,203,712	1,391,156	3,095,652	2,732,886	3,119,998	1,515,241	13,318,392
APALACHICOLA AREA										
0 - 5 FATHOMS: BROWN		-	-	5,412	52,891	68,133	128,942	241,076	195,274	691,728
PINK		-	-	190	18,415	55,469	113,376	163,373	50,779	401,602
WHITE		-	20,791	31,269	34,746	41,947	36,673	99,348	187,418	452,192
SEA BOBS		-	-	-	-	-	-	-	57,977	57,977
6 - 20 FATHOMS: BROWN		-	-	-	3,975	1,609	-	-	81	5,665
PINK		-	3,887	20,560	56,430	76,989	22,522	18,392	25,004	223,784
WHITE		-	740	490	-	-	-	260	34	1,524
TOTAL	9,844.9	-	25,418	57,921	166,457	244,147	301,513	522,449	516,567	1,834,472
PENSACOLA TO MISSISSIPPI RIVER										
0 - 5 FATHOMS: BROWN		3	2,156	3,558	39,449	167,852	390,416	978,872	2,714,247	4,296,553
PINK		-	240	80	180	670	744	2,462	915	5,291
WHITE		587	83,602	128,588	198,562	180,692	387,454	565,197	960,788	2,505,470
SEA BOBS		-	-	-	-	-	-	-	103,922	103,922
6 - 20 FATHOMS: BROWN		24,023	93,702	220,632	385,248	704,835	706,173	1,163,421	1,962,036	5,260,070
PINK		-	1,921	1,953	2,159	12,630	13,481	9,905	1,313	43,362
WHITE		10,929	186,016	138,202	69,475	91,518	61,156	36,481	73,268	667,045
21 - 45 FATHOMS: BROWN		77,076	406,026	526,850	341,095	231,078	41,898	26,572	19,622	1,670,217
PINK		-	543	576	-	325	-	-	-	1,444
WHITE		184	9,922	10,275	4,870	3,976	3,118	5,879	7,484	45,708
TOTAL	49,245.8	112,602	784,128	1,050,714	1,041,038	1,393,576	1,604,440	2,788,789	5,843,595	14,599,082
MISSISSIPPI RIVER TO TEXAS										
0 - 5 FATHOMS: BROWN		1,832	14,203	9,670	18,625	62,496	133,604	709,675	8,319,053	9,269,158
PINK		505	820	230	40	30	-	-	-	1,625
WHITE		152,649	854,955	1,271,768	782,587	1,918,034	1,093,208	4,918,276	4,519,192	15,510,669
SEA BOBS		-	-	-	-	-	-	-	310,900	310,900
6 - 20 FATHOMS: BROWN		110,656	312,265	391,321	559,420	1,869,268	1,352,323	905,751	605,970	6,106,974
WHITE		317,846	1,374,407	772,285	372,745	571,062	229,871	311,005	162,982	4,112,203
SEA BOBS		-	-	-	-	-	-	-	157	157
21 - 45 FATHOMS: BROWN		353,055	1,143,022	545,929	702,550	710,832	137,979	73,612	11,632	3,678,611
WHITE		590	7,157	6,768	1,082	4,200	1,565	2,057	2,339	25,758
TOTAL	144,955.1	937,133	3,706,829	2,997,971	2,437,049	5,135,922	2,948,550	6,920,376	13,932,225	39,016,055
TEXAS COAST										
0 - 5 FATHOMS: BROWN		635	1,075	2,928	645	19,044	23,425	82,223	963,206	1,093,181
WHITE		162,972	281,629	521,531	596,296	1,110,153	497,991	572,796	327,206	4,070,574
6 - 20 FATHOMS: BROWN		198,799	860,824	3,884,110	2,947,388	6,616,050	1,702,767	1,069,029	78,759	17,357,726
PINK		-	-	1,579	7,073	7,629	-	-	-	16,281
WHITE		119,356	1,038,635	324,190	295,166	353,491	149,285	112,083	39,866	2,432,072
21 - 45 FATHOMS: BROWN		425,256	2,693,033	2,859,977	796,780	975,580	272,822	206,805	1,120	8,231,373
PINK		98	10,750	4,060	715	20	-	-	-	15,643
WHITE		3,179	8,879	2,365	5,035	3,927	176	95	-	23,656
TOTAL	57,461.7	910,295	4,694,925	7,600,740	4,649,098	9,085,894	2,646,466	2,043,031	1,410,157	33,240,506

(CONTINUED)

GULF COAST SHRIMP LANDINGS BY AREA, DEPTH, AND SIZE, 1966 - Continued

MAJOR WATER AREA, DEPTH, AND SPECIES	TRIPS	SIZE (HEADS-OFF PER POUND)								TOTAL
		UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 & OVER	
HIGH SEAS OFF MEXICAN COAST WEST OF 94° LONGITUDE	NUMBER	. . . .	. . . .	. . . .	. . . . . .	POUNDS . . .	. . . .	. . . .	. . . .	. . . . . .
0 - 5 FATHOMS: WHITE		315	1,610	775	500	940	145	60	-	4,345
6 - 20 FATHOMS: BROWN		25,563	56,718	67,507	48,208	151,063	124,135	125,532	-	598,726
PINK		-	-	-	580	-	-	-	-	580
WHITE		4,609	13,197	5,761	2,508	2,133	456	60	-	28,724
21 - 40 FATHOMS: BROWN		654,723	1,320,352	1,079,690	498,544	1,344,503	340,763	208,410	-	5,446,985
PINK		170	645	1,780	270	460	65	-	-	3,390
WHITE		10	1,190	110	108	75	-	-	-	1,493
TOTAL.	2,638.1	685,390	1,393,712	1,155,623	550,718	1,499,174	465,564	334,062	-	6,084,243
HIGH SEAS OFF OBREGON AND CAMPECHE										
6 - 20 FATHOMS: BROWN		2,109	5,539	4,087	3,686	6,593	4,029	2,388	-	28,431
PINK		94,012	313,542	400,110	568,677	899,879	152,050	57,891	432	2,486,593
WHITE		708	2,948	926	474	519	157	162	-	5,894
21 - 45 FATHOMS: BROWN		24,269	44,952	45,796	19,396	43,540	8,575	8,385	-	194,913
PINK		83,642	320,364	300,589	225,515	352,944	32,944	17,694	-	1,333,692
WHITE		455	965	-	-	-	-	-	-	1,420
TOTAL.	657.1	205,195	688,310	751,508	817,748	1,303,475	197,755	86,520	432	4,050,943
CARIBBEAN SEA SOUTH OF 21° NORTH LATITUDE										
6 - 20 FATHOMS: BROWN		40	190	105	3,355	27,485	4,200	-	-	35,375
PINK		185	2,565	4,785	22,640	218,852	130,449	989	-	380,465
WHITE		-	-	24,460	972	2,535	-	-	-	27,967
21 - 30 FATHOMS: BROWN		-	-	-	161	-	-	-	-	161
PINK		-	-	-	-	29,837	9,185	-	-	39,022
TOTAL.	43.4	225	2,755	29,350	27,128	278,709	143,834	989	-	482,990
ATLANTIC OCEAN										
6 - 10 FATHOMS: BROWN		-	-	-	749	-	-	-	-	749
WHITE		-	1,067	92	962	419	-	17	-	2,557
TOTAL.	12.0	-	1,067	92	1,711	419	-	17	-	3,306
GRAND TOTAL.	273,521.0	2,851,974	11,755,857	14,827,631	11,082,103	22,036,968	11,041,008	15,816,231	23,218,217	112,629,989

NOTE: THESE DATA REPRESENT THE LANDINGS OF VESSELS COMPLETING TRIPS DURING THE YEAR, REGARDLESS OF WHEN LANDINGS OCCURRED. CONSEQUENTLY, THE DATA ARE NOT DIRECTLY COMPARABLE WITH THOSE PRESENTED IN THE TABLE WHICH REPRESENTS LANDINGS. A SINGLE TRIP IS SHOWN FOR EACH VOYAGE. ADDITIONAL TABULATIONS CONCERNING THE GULF OF MEXICO CATCH OF SHRIMP IN MORE DETAIL BY AREA, DEPTH, SIZE, AND FISHING EFFORT MAY BE OBTAINED UPON REQUEST FROM THE U. S. FISH AND WILDLIFE SERVICE, BUREAU OF COMMERCIAL FISHERIES, BRANCH OF FISHERY STATISTICS, WASHINGTON, D. C. 20240.

SHRIMP

GULF FISHERIES

SOUTH ATLANTIC AND GULF COAST SHRIMP LANDINGS, 1966

SPECIES AND SIZE	SOUTH ATLANTIC COAST		GULF COAST		TOTAL, 1966	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15.	-	-	1,898,074	$2,127,824	1,898,074	$2,127,824
15 - 20	3,878	$3,939	6,953,477	7,139,317	6,957,355	7,143,256
21 - 25	1,163,849	1,066,464	9,647,647	9,482,542	10,811,496	10,549,006
26 - 30	1,642,546	1,486,106	6,422,165	6,102,222	8,064,711	7,588,328
31 - 40	2,337,934	1,981,393	13,002,985	10,752,493	15,340,919	12,733,886
41 - 50	1,245,753	881,040	5,371,791	3,909,454	6,617,544	4,790,494
51 - 67	744,315	411,016	5,801,751	3,561,981	6,546,066	3,972,997
68 AND OVER	69,458	35,257	14,871,000	5,133,424	14,940,458	5,168,681
TOTAL	7,207,733	5,865,215	63,968,890	48,209,257	71,176,623	54,074,472
PINK:						
UNDER 15.	-	-	184,893	201,690	184,893	201,690
15 - 20	-	-	917,995	892,973	917,995	892,973
21 - 25	215	209	1,908,855	1,712,869	1,909,070	1,713,078
26 - 30	754	683	2,299,695	1,942,344	2,300,449	1,943,027
31 - 40	1,349	973	4,823,067	3,699,871	4,824,416	3,700,844
41 - 50	175,280	118,357	3,245,476	2,124,282	3,420,756	2,242,639
51 - 67	153,937	75,034	3,398,263	1,869,509	3,552,200	1,944,543
68 AND OVER	484	169	1,593,684	646,583	1,594,168	646,752
TOTAL	332,019	195,425	18,371,928	13,090,121	18,703,947	13,285,546
WHITE:						
UNDER 15.	-	-	773,934	864,529	773,934	864,529
15 - 20	72,247	67,086	3,887,710	4,069,232	3,959,957	4,136,318
21 - 25	1,248,378	1,168,915	3,238,797	3,170,717	4,487,175	4,339,632
26 - 30	1,005,264	894,843	2,366,020	2,138,373	3,371,284	3,033,216
31 - 40	1,729,921	1,403,591	4,285,232	3,384,603	6,015,153	4,788,194
41 - 50	920,354	647,815	2,461,255	1,695,007	3,381,609	2,342,822
51 - 67	615,048	352,811	6,623,496	3,623,265	7,238,544	3,976,076
68 AND OVER	357,885	135,617	6,280,577	2,598,447	6,638,462	2,734,064
TOTAL	5,949,097	4,670,678	29,917,021	21,544,173	35,866,118	26,214,851
SEA BOBS.	-	-	472,956	110,475	472,956	110,475
ROYAL RED:						
21 - 25	30,821	29,511	-	-	30,821	29,511
26 - 30	6,891	6,127	2,255	1,827	9,146	7,954
31 - 40	22,669	19,324	17,410	12,859	40,079	32,183
41 - 50	30,566	22,351	3,810	2,551	34,376	24,902
51 - 67	8,264	4,910	-	-	8,264	4,910
TOTAL	99,211	82,223	23,475	17,237	122,686	99,460
GRAND TOTAL	13,588,060	10,813,541	112,754,270	82,971,263	126,342,330	93,784,804

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON WEIGHT MULTIPLY BY 1.61 FOR BROWN, 1.60 FOR PINK, 1.54 FOR WHITE, 1.53 FOR SEA BOBS, AND 1.80 FOR ROYAL RED. THE STATES LISTED REPRESENT THE STATES WHERE THE SHRIMP WERE LANDED REGARDLESS OF WHERE CAUGHT. THE NAMES OF THE SPECIES USED IN THESE TABLES ARE AS FOLLOWS: WHITE SHRIMP (MOSTLY *PENAEUS SETIFERUS*), BROWN SHRIMP (MOSTLY *PENAEUS AZTECUS*), PINK SHRIMP (MOSTLY *PENAEUS DUORARUM*), SEA BOBS (MOSTLY *XIPHOPENAEUS KROYERI*), AND ROYAL RED (MOSTLY *HYMENOPENAEUS ROBUSTUS*). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSELS FOR THE FIRST SALE AT THE DOCK. ANY EXPENSES INVOLVED IN HANDLING OR PROCESSING ASHORE ARE NOT INCLUDED, EVEN THOUGH CHARGEABLE TO THE VESSEL. THE SIZE REPORTED GENERALLY IS THAT USED AS OF THE FIRST SALE. SIZE GRADING IN VARYING DEGREES OF UNIFORMITY MAY OR MAY NOT OCCUR AT, OR PRIOR TO, THE TIME FIRST SALES ARE MADE. IF GRADING IS NOT DONE AT THIS TIME, THE SIZE REPORTED IS AN AVERAGE SIZE AND MAY INCLUDE SEVERAL SIZE CLASSIFICATIONS.

SECTION 7 - PACIFIC COAST FISHERIES

Landings of commercial fishery products at Pacific coast ports were 1.3 billion pounds worth $168.1 million--an increase of 106.9 million pounds and $19.8 million compared with the previous year. Landings of tuna, mackerel, herring, ocean perch, and whale products declined, but landings of salmon, king and Dungeness crabs, anchovies, rockfishes, shrimp, and flounders increased.

The Pacific Coast States accounted for 29 percent of the volume and 36 percent of the value of the U.S. catch and surpassed all other areas in both volume and value. Alaska, with landings of 581.7 million pounds worth $80.7 million accounted for 46 percent of the quantity and 48 percent of the value, followed by California with 460.9 million pounds (37 percent) worth $55.6 million (33 percent). Washington and Oregon supplied the remaining 211.0 million pounds and $31.8 million.

Fishermen and vessels. There were 37,736 fishermen, using 5,076 vessels (5 net tons or more), 14,434 motor boats, and 232 other boats in 1966--an increase of 2,958 fishermen, 221 vessels, and 255 motor boats, but a decline of 59 other boats compared with the previous year. There were 202 vessels newly documented as fishing craft at Pacific coast ports in 1966, 27 more than the previous year. Included was a new tuna seiner with a capacity of more than 500 tons, a sister ship of the first U.S. vessel built exclusively for tuna seining. Contracts were signed for the construction of four additional tuna seiners, each with a capacity of 825 tons of frozen fish. These vessels are scheduled for completion so as to join the fleet at 3-to 4-month intervals during 1967 and 1968. Four vessels entered the king crab fleet in 1966. Peggy Jo, the first vessel designed and built specifically to fish king crabs with pots, left for the fishing grounds in early June. Three others, built for the king crab fishery, were completed in 1966, and several were in various stages of construction at the end of the year. The conversion of ex-military and transport craft into king crab fishing vessels also continued during the year.

Tuna. Tuna landings were 255.9 million pounds worth $42.4 million--a decline of 40.6 million pounds but an increase of $3.8 million compared with 1965. The increase in exvessel value, despite the smaller landings, resulted from the upward price trend which began in late 1965 and reached a peak in mid-February when the record price of $480 per ton was paid for premium yellowfin and $392 per ton for premium skipjack tuna. Significant monthly declines occurred in the price of tuna from February to June. Prices stabilized in June, however, and were steady until August when they increased again. Compared with the previous year the average increase ranged from $33 per ton for bluefin to $81 per ton for yellowfin.

California exvessel prices of tuna, 1966

Month	BLUEFIN		SKIPJACK		YELLOWFIN	
	Regular under 12 pounds	Premium over 12 pounds	Regular under 6 pounds	Premium over 6 pounds	Regular under 12 pounds	Premium over 12 pounds
	Dollars per ton					
January	-	-	255-274-239	319-360-356	(1)	364-426
February	-	-	239-300-254	356-392-354	(1)	426-480-415
March	-	-	253-297-259	354-375-359	(1)	415-428-410
April	-	-	259-211	359-311	(1)	410-365
May	-	-	211-210	300-295	(1)	355-350
June	290-300	290-300	210 st.	295-265	(1)	350-320
July	290-291	290-291	210-211-210	265-266-265	(1)	320-324-320
August	290 st.	290 st.	210 st.	265-267	(1)	320-324
September	290 st.	290 st.	210-224	269-283	(1)	324-340
October	290-311	290-311	220-230-220	280-275-286	(1)	340-351
November	-	-	221-233	286-296-293	(1)	351-365-358
December	-	-	233 st.	293 st.	(1)	358 st.

[1] Regular yellowfin at 5 percent less than for premium.

Source: San Pedro Market News Service.

Albacore landings in the Pacific Coast States (37.0 million pounds) were the lowest since 1961, while California landings (18.2 million pounds) were the smallest since 1947. Oregon landings of 17.7 million pounds, however, were the second largest on record--exceeded only by the 1944 production of 22.5 million pounds. The early July appearance of albacore in volume off the Oregon coast established a seasonal record for their arrival. This unusual northward migration of these fish occurred presumably because of unseasonably warm water off southern California. Their absence in California waters sent large numbers of California trollers into Oregon waters, which contributed significantly to the near record landings. Approximately one-fourth of the albacore landed in Oregon was trucked to California canneries. This permitted faster unloading of the vessels and eased the strain on the Oregon plants--operating at peak capacity during the heavy run. No significant concentrations of albacore appeared off the Washington coast and only 1.1 million pounds were landed, mostly at Ilwaco on the Columbia River. For the third consecutive year no formal price agreement between fishermen and canneries in California and Oregon had been reached when fishing began in early July. On July 22, the season price was established at cannery docks in California and Oregon at $375 per ton for Grade A fish, $340 per ton for Grade B fish, and $187.50 per ton for fish under 9 pounds. Effective September 12, the price increased $15 per ton for Grades A and B, and $7.50 per ton for the smaller fish. This price remained in effect until the end of the season.

Bluefin tuna landings were a record 35.2 million pounds--4.0 million pounds more than in 1962, the previous record. The first sizeable landings were made off Baja California in early June. By July, the fish had moved northward and were abundant in the waters off southern California, where they were caught in near record quantities. Landings were at near record level for that month but the season reached its peak in August when 17.0 million pounds were landed. Most of the bluefin were sold for $290 per ton--an increase of $33 per ton compared with 1965, and highest exvessel average price since 1954. This gain in value, together with the greater bluefin production, contributed to the increased value of all tuna landings.

Landings of skipjack (51.1 million pounds) and yellowfin tuna (132.6 million) declined 33.7 million (40 percent) and 25.9 million pounds (16 percent), respectively, compared with the previous year. During the first 4 months of the year only small quantities of skipjack and yellowfin were caught. Yellowfin landings improved by May but skipjack landings were still light and remained so throughout the year. Yellowfin landings continued to increase so sharply in the eastern tropical Pacific Ocean that in August the Inter-American Tropical Tuna Commission recommended that unlimited fishing of yellowfin stocks in the eastern Pacific end at midnight September 7, 1966.

Earlier in the year, the Inter-American Tropical Tuna Commission, in an effort to manage and conserve tuna resources on the high seas, recommended restricting the catch of yellowfin tuna to an annual quota of 79,300 tons. The Commission believes that in three years this limitation will restore yellowfin stocks to the maximum sustainable yield of 91,000 tons annually. The member nations of Costa Rica, Ecuador, Mexico, Panama, and the United States agreed to the Commission's recommendation. In addition, Canada and Japan, although not members, agreed to cooperate in this international conservation effort by imposing voluntary restrictions on their fishing fleets. The catch by all participating nations reached 66,000 tons in August and the Commission notified the governments that it was recommending that unrestricted fishing for yellowfin be ended at midnight September 7, 1966. It was felt that the remainder of the quota would be taken by vessels at sea on September 7, and therefore not subject to curtailment, and by the 15 percent allowance of yellowfin taken as incidental catch while fishing for non-regulated species. Not all participating nations were able to implement the recommendation by September 7, so the deadline was extended to September 15. This allowed an additional 8 days of unrestricted fishing and also allowed vessels time to be on the fishing grounds, without being subjected to curtailment. Total landings by the fleets of all nations fishing the eastern tropical Pacific Ocean were about 90,000 tons--11,000 more than the recommended quota.

Exvessel prices paid to members of the American Tunaboat Association and to nonmembers (non-member prices are based on weighted average prices paid to member vessels for fares sold at auction during the week of arrival) for both skipjack and yellowfin varied considerably during the year, but were consistently higher than prices paid in 1965. On February 4, premium yellowfin brought a record price of $480 per ton--$116 more per ton than had been paid at the first auction of the year on January 4. Premium skipjack sold for a record $392 per ton on February 10--a gain of $73 compared with the January 4 price. Following these record values, prices declined and by June had dropped to $265 per ton for skipjack and $320 for yellowfin. Prices remained steady until mid August and then began increasing and by early November were at $290 per ton for skipjack and $365 for yellowfin. Lack of bidding activity because of resistance to further increases was evident until the end of the year.

Salmon. Landings of 387.5 million pounds were valued at a record $73.5 million--an increase of 60.7 million pounds and $8.3 million compared with the previous year. The catch was the largest since 1949, but was only 52 percent of the record 643.7 million pounds landed in 1936.

Chiefly responsible for the increase were Alaska landings of 333.3 million pounds worth $54.2 million--58.5 million pounds (21 percent) and $5.9 million (12 percent) more than in 1965. Alaska accounted for 86 percent of the volume and 74 percent of the value in 1966. Pink salmon predominated in the Alaska catch, with landings of 162.9 million pounds--the largest since 1949. The southeastern region led in production, followed by the central, and western regions. The latter, however, reached nearly record production for that area because of the large run to the Nushagak system of Bristol Bay. The average price for pink salmon was 13.6 cents per pound--3.3 cents more than in the previous year. Red salmon landings of 92.8 million pounds declined 49.2 million compared with 1965--but were well above the 25-year average (1941-65) of 80.7 million pounds. The red salmon run, which lasted only 10 days, approximated the 22 million fish predicted by the Alaska Department of Fish and Game, the Fisheries Research Institute, and the Bureau of Commercial Fisheries. Fishing was concentrated primarily in the Egegik and Kvichak areas of Bristol Bay, but landings were good throughout the State. The western region led in red salmon landings. The average price of red salmon (21.3 cents) was about the same as in the previous year. Chum salmon landings of 52.2 million pounds were much above the 29.2 million pounds taken in 1965. Southeastern Alaska had a good late run of chum salmon. Chinook landings of 9.3 million pounds worth $2.9 million were 1.7 million pounds and $100,000 less than in the previous year. The small difference in value for the 2 years resulted from exvessel prices that increased from 27.7 cents per pound in 1965 to 31.5 cents in 1966. Landings of silver salmon were 16.1 million--about the same as a year earlier.

Salmon production in both Washington and Oregon was greater than in the previous year. Compared with 1965, Washington landings of 32.4 million pounds worth $10.4 million increased 1.9 million pounds and $2.1 million; and Oregon landings of 12.4 million pounds worth $4.0 million increased almost 600,000 pounds and $500,000.

The gain in the Washington catch was largely the result of increased landings of chum and red salmon in Puget Sound. The 9.0-million-pound production of red salmon was almost 50 percent more than in the previous year. It was nearly three times the size of the catch from the parent cycle in 1962, but fell far short of the high production years for this cycle. The Fraser River red or sockeye run was almost equally divided between United States and Canadian fishermen--each getting slightly more than 1.3 million red salmon from the convention waters. There was also a good escapement of spawners to the Fraser River system.

An outstanding development in the salmon fishery was the Columbia River silver salmon run, the best in 33 years. The gill net silver salmon catch was 4.4 million pounds--more than twice the 1965 production. Columbia River silver salmon were larger than in 1965--net-caught fish averaged more than 10 pounds. Troll silver salmon landings for Washington and Oregon combined were 11.4 million pounds--nearly 900,000 pounds less than in 1965. However, the combined catch of silver salmon by all types of gear in Washington and Oregon was 21.5 million pounds--an increase of 3.0 million compared with the previous year. Improved hatchery operations, particularly use of the recently developed pellet food, contributed markedly to the increase in silver salmon production.

Chinook salmon landings in Washington were 5.9 million pounds--a slight gain compared with 1965; however, the Oregon catch of 3.7 million pounds was 29 percent less than a year earlier. Except for a good fall run of chinook salmon up the Willamette River, the Oregon chinook fishery was a disappointment to fishermen. The Columbia River spring chinook season was one of the worst in about 20 years, and the fall run arrived late and was very light. Unfavorable fishing conditions created by clear water and by early movement of the fish up river contributed to the small catch. The Columbia River chinook run was again protected by a closed summer season.

Chum salmon production in Washington was 4.3 million pounds--2.3 million more than in 1965, and the best catch since 1959. However, it was considerably less than the record 20.5 million pounds taken in 1929. Landings of pink salmon were small in 1966--the usual off year.

California salmon landings of 9.4 million pounds declined 300,000 pounds compared with the previous year. Silver salmon landings of 1.1 million pounds were 1.2 million less than in 1965, and accounted largely for the decline. Chinook production of 8.3 million pounds was the best since 1956. The exvessel average price for silver salmon was 37.4 cents and for chinook, 53.2 cents per pound--considerably higher prices than fishermen received for these fish in the other Pacific Coast States.

Halibut. Landings of halibut by the combined United States and Canadian fleets were 62.3 million pounds (dressed weight)--1.2 million pounds less than in the previous year. It was the fourth consecutive year that Canadian fishermen landed more halibut than United States fishermen. The Canadians landed 51 percent of the halibut in 1966. At the opening of the halibut season in the Bering Sea on March 25, 1966, only Canadian vessels were active. The U.S. fleet was tied up by a dispute between fishermen and vessel owners concerning boat shares. The dispute was settled, however, by May 9, when the regular season opened.

U.S. Pacific halibut landings of 40.3 million pounds (round weight) were worth $9.7 million--a decline of about 170,000 pounds but an increase of nearly $500,000 compared with the previous year. The Alaska catch of 33.4 million pounds worth $7.8 million accounted for 83 percent of the volume and 80 percent of the value.

In Seattle, Wash., the exvessel average price paid for halibut was 36 cents per pound--an alltime high. Prices at Alaska ports also reached record levels. At Ketchikan, the exvessel average price was 33 cents per pound and at Central Alaska ports, 31 cents per pound. When prices paid in Alaska were almost as high as those paid in Seattle, an increasing number of fisherman found it more profitable to unload at Alaska ports and eliminate the 3 to 4 days running time from the fishing grounds to Seattle and return. This development contributed to the continuing decline in the size of the Seattle halibut fleet, which had 61 vessels in 1966--compared with 74 in 1965 and 87 in 1964. The Alaska fleet had 271 vessels--compared with 189 in the previous year. The new vessels added to the Alaska fleet were somewhat smaller than the Seattle vessels, and many of them could be converted for salmon fishing later in the season.

Bonito. Bonito landings were a record 19.1 million pounds worth $761,000--13.5 million pounds and $612,000 more than in the previous year. In 1966, fishermen received higher than usual exvessel prices for bonito--which stimulated greater fishing effort and accounted largely for the record production. Formerly, the bonito resource off the southern California and Mexican coasts was underutilized--principally because of the abundance and availability of other fish that brought higher prices. The exvessel price in January was $57.50 per ton--the same as for mackerel. This was increased to $60 per ton on February 1, and in early March an agreement was reached with the canneries setting the price of bonito at $10 per ton more than the mackerel price. The exvessel price was raised to $75 per ton (retroactive to March 3) and on May 1 was increased to $80 per ton. This price remained in effect until October 5 when it increased again to $85 per ton--the price paid until the end of the year.

Mackerel. In California, the only Pacific Coast State with a mackerel fishery, the combined landings of Pacific and jack mackerel were 45.5 million pounds worth $1.6 million--a decline of 28.2 million pounds and $439,000 compared with the previous year. Jack mackerel landings (40.9 million pounds) were the smallest since 1959, and Pacific mackerel landings (4.6 million pounds), smallest since 1926. For the first time in 3 years no fishing time was lost during the early months of the year due to price negotiations which had idled the fleet from the middle of December through February in both the 1963-64 and 1964-65 seasons. The exvessel price was $57.50 per ton at the beginning of the year, and was gradually increased to $70 per ton by May 1. This price remained in effect until the renegotiations at the beginning of the sardine season on September 1. After one month of negotiations during which time the fleet was idle, the price was set at $75.00 per ton for both Pacific and jack mackerel, and the fleet resumed fishing on October 4. Since landings are seasonably low during this period, the tie-up was not credited with substantially reducing landings. However, considerable time and effort was diverted from the mackerel fishery to the anchovy reduction fishery from January to April; the bluefin fishery from July to August; and the bonito fishery from September to December, thus contributing to the lower landings.

Pacific sardines. Pacific sardine landings of 878,000 pounds were the smallest on record. Following the record 1.5-billion-pound production of 1936, the catch began a downward trend and in the last 20 years has declined sharply. At the end of the year there was speculation by fishermen and processors that the 1966-67 season would be the last and that the State would no longer allow sardines to be taken except as an incidental catch in another fishery. The fishing season for canning and reduction opened in central California on August 1 and in southern California on September 1. Fishing was delayed in southern California waters, however, by price negotiations between the cannery and vessel owners. On October 5, they agreed upon an exvessel price of $75 per ton for sardines and sardines mixed with mackerel. For the sixth consecutive year, the season was extended through the following February.

Anchovies. Anchovy landings of 62.3 million pounds were 56.5 million more than in the previous year, and second only to the 1953 record production of 86.0 million. In August, the California Fish and Game Commission agreed to continue the experimental anchovy reduction fishery for a second season--starting October 1, 1966 and continuing until April 30, 1967, or until the quota of 75,000 tons had been reached. The zones and quota for each were the same as for the 1965-66 season: Zone 1-Point Conception to Port Hueneme, 10,000-ton quota; Zone 2-the San Pedro area, 10,000-ton quota; Zone 3-Dana Point to the Mexican border, 10,000-ton quota; Zone 4-the entire open ocean area west of the Santa Barbara Islands and Catalina, 35,000-ton quota; and Zone 5-(northern permit area) from Point Conception north, 10,000-ton quota. Commission regulations authorize the Department of Fish and Game Commission to close the fishery on 48-hour notice if the resource is threatened or the quota is reached in any of the five zones. Of the 62.3 million pounds landed in 1966, 34.7 million pounds were landed from January through April as part of the 1965-66 quota of 75,000 tons. For the second consecutive year, no price agreement had been reached when the season legally opened in southern California, and as a result 2-1/2 months of fishing time were lost. On December 18, a price of $20 per ton was agreed upon. Landings from October through December were about 25 million pounds, with only 5 million pounds landed in the southern California area (Zones 2 and 3).

Otter trawl fishery. Landings of otter trawl-caught fish, except hake and shrimp, were 117.1 million pounds worth $7.0 million--a decrease of about 2.0 million pounds but a gain of nearly $500,000 compared with the previous year. Landings of rockfish and sablefish were 4.1 million pounds and 400,000 pounds greater, respectively, than in 1965; but landings of flounders declined 1.2 million pounds and cod, 600,000 pounds. The ocean perch fishery also declined in 1966. Landings of 21.9 million pounds were 6.5 million less than in the previous year. The decline occurred entirely in the Oregon production of 4.6 million pounds--down 9.4 million (67 percent) compared with a year earlier. Washington landings of 17.3 million pounds were 2.9 million more than in 1965.

United States fishermen became increasingly concerned about the large number of Russian vessels trawling for ocean perch and hake along the Pacific coast. Both the Oregon Fish Commission and the Bureau of Commercial Fisheries conducted experimental otter trawling off the Oregon coast in an effort to determine the effects of the Russian operations.

Hake. The newly developed hake fishery off the Washington coast was a disappointment to U.S. fishermen and processors. Exploratory investigations conducted by the Bureau of Commercial Fisheries indicated an annual potential yield of 200 million pounds. Accordingly, the Pacific Protein Company built a $1.0 million reduction plant with a capacity of producing 200 tons of meal per day. Four vessels were equipped with mid-water otter trawls and were generally readied to enter the hake fishery at a cost of $14,000 each. However, their fishing efforts were hampered by a fleet of 58 large Russian trawlers which harvested hake right up to the 3 mile limit. The U.S. fishermen landed only 3.7 million pounds, enough for 300 tons of meal, while the Russian fleet was believed to have taken close to 200 million pounds, or about the estimated annual potential. Shortly thereafter, a United States delegation met with the Russians in an effort to reach an agreement regarding the Russian high seas fishing operations off the Pacific coast. An agreement was reached, but would not be effected until 1967. The local hake vessels discontinued operations in early August, but were subsequently chartered at $400 per day by the Bureau of Commercial Fisheries to continue fishing for hake and to do other related exploratory work. As a result of this work, a supposedly more effective modified mid-water trawl was developed which is about two-thirds the size of the original "Cobb" trawl.

Hake production in Puget Sound was 8.0 million pounds compared with 1.5 million in 1965. Vessels in Puget Sound also experimented with different types of otter trawls, but found the modified "Cobb" trawl to be much more effective than variations of the standard Pacific coast trawl.

King crabs. The Alaska king crab fishery continued the phenomenal growth that began during the last decade. Landings of a record 159.2 million pounds were 27.5 million more than in 1965, the former record year. The record value of $15.7 million made king crabs second only to salmon as a important Alaska fishery resource. Landings were very good early in the year and about 62.0 million pounds were taken before the season ended on March 31. When it reopened July 1, landings increased steadily. By September, landings reached 21.3 million pounds and many craft that had served as salmon transporters during the closed season returned to fish king crab. Landings declined slightly in October and November, but reached 20.0 million pounds in December. Kodiak Island, with landings of 90.8 million pounds, was the leading producing area, followed by the Aleutian Islands with 40.0 million pounds.

In January, the S.S. Chena, owned by the Alaska Steamship Company, carried 49 refrigerated vans of king crab from Sand Point, Squaw Harbor, and Kodiak, Alaska, to Seattle, Wash. The largest single shipment of king crabs ever made to Seattle which was worth an estimated $2.2 million.

Dungeness crabs. Dungeness crabs were unusually abundant throughout the Pacific area. Landings of 39.7 million pounds worth $5.5 million were 10.8 million pounds (37 percent) and $850,000 (18 percent) more than in the previous year, and the best production since 1958. Increases occurred in all States except Alaska where landings of 5.1 million pounds were 3.8 million less than in 1965. Increased activity in the more abundant king crab fishery is believed to be the chief cause of the decline in fishing effort and landings in the Alaska Dungeness crab fishery. The greatest increase was in California with landings of 12.4 million pounds--7.6 million more than in 1965. Landings in Washington (11.7 million pounds) and Oregon (10.5 million) increased 3.6 and 3.4 million pounds, respectively, compared with the previous year. The heavy landings of Dungeness crabs and the abundance of king crabs combined to lower the demand for, and price of dungeness crabs. The price dropped from 20 cents per pound in late 1965 to 14 cents in January. In an effort to improve prices, fishermen ceased operations for one week in January. Oregon fishermen and State officials also attempted to promote the sale of Dungeness crabs, but it was not until the closing of the king crab fishery, late in the Dungeness crab season, that prices began to improve. The average annual price declined from 16 cents per pound in 1965 to 14 cents in 1966.

Shrimp. Landings were 34.4 million pounds valued at $2.0 million. This was an increase of 14.3 million pounds and nearly a million dollars, a record in both volume and value. The volume was 50 percent, and the value 46 percent more than the previous record in 1962. Landings increased in all States except California where the production of 1.2 million pounds declined more than 200,000 pounds compared with 1965. Washington landings of 333,000 pounds were 245,000 pounds more than in 1965, and Oregon landings of 4.7 million pounds were nearly three times the 1965 production. Alaska landings of 28.2 million pounds increased 11.4 million (68 percent) compared with the previous year.

In Alaska, a good market, additional processing facilities, and more shrimp peeling machines than in former years helped stimulate increased fishing effort. Exploratory fishing recently revealed a concentration of sidestripe shrimp available in commercial quantities in the Kodiak area, and it is possible that a year-round fishery may be developed.

Shrimp were canned in four Alaska plants--two located in the Kodiak area, and two in Wrangell. In 1966, only one cannery operated in Washington. Almost all shrimp landed in Oregon were hand processed for the fresh and frozen trade, very few were used for canning.

Oysters. Landings of 7.8 million pounds of oyster meats were 1.3 million less than in the previous year. The value of $2.7 million, however, was $515,000 more than in 1965. Washington led with a production of 6.8 million pounds worth $2.4 million--86 percent of the volume and 88 percent of the value. California had 10 and 8 percent, respectively, of the volume and value; and Oregon and Alaska supplied the remaining 4 percent for each. Pacific oyster landings declined sharply in both Washington and California. As a result of the small harvest, producer's prices in Washington increased from $4.65 per gallon in 1965 to $5.70 in 1966. Most of the production in Oregon and California was channeled into the fresh and frozen trade. The canned oyster pack decreased, but canned oyster stew production was up slightly. Due to the shortage of Pacific oysters, one Washington firm imported sample lots of frozen Japanese oysters for use in canned stews, and is expected to use them extensively in the future.

High-seas fishery. Pacific coast fishermen landed 270.2 million pounds of fish taken on the high seas off coasts of foreign countries--22 percent of the total Pacific coast catch. The tuna catch taken off Central and South America (217.5 million pounds) was 40.1 million pounds less than in 1965; it accounted for 59 percent of the total U.S. landings off foreign coasts and 80 percent of the Pacific catch off foreign coasts. Traditionally, Pacific coast fishermen range farther than those of any other area in their search for fish.

Whales. During the whaling season the Del Monte Fishing Company and the Golden Gate Fishing Company operated their two whaling stations at Point San Pablo, Calif. No whaling stations were operated in Oregon. The whaling season remained the same as in previous years--April 1 to November 30, inclusive for sperm whales and April 15 to October 15, inclusive, for other whales. The Del Monte Fishing Company, using the catcher boats Allen Cody, Dennis Gayle, and Donna Mae took 122 whales under regular permit. The Golden Gate Company, using the Lynann and Sioux City, took 30 whales.

Special scientific permit number 1966-1, issued to the Director, Marine Mammal Laboratory, Bureau of Commercial Fisheries, Seattle, Wash., authorized the taking of not more than 50 sperm whales, including lactating and undersized for scientific purposes. The Del Monte Fishing Company took 22 under this special permit; 3 undersized were taken during the regular season and 19 were taken after the season. Special permit number 1966-2 authorized the taking of not more than 40 gray whales, also for scientific purposes. This permit was amended to increase the number authorized to be taken to 60. The Del Monte Fishing Company took 52 gray whales under this permit, 26 in March and 26 in December.

The whale carcasses (excluding the meat) were taken to the rendering plants in Richmond and San Francisco, Calif. for processing into 2.2 million pounds of meal and 2.1 million pounds of oil. In addition, 2.2 million pounds of meat were processed for use as frozen or canned animal food. The products were valued at $432,000 to the producers--a decline of $196,000 compared with 1965.

Further information. Condensed summary data on the operating units and landings by States for the Pacific Coast Fisheries appearing on the following pages have been previously published in Current Fishery Statistics No. 4698. Additional data on many aspects of the Pacific Coast Fisheries appear in daily, monthly, and annual reports published by the Bureau's Fishery Market News offices in Terminal Island, Calif., and Seattle, Wash. Specific data on several of the major fisheries of the Pacific coast may be found in Section 12 of this publication.

Acknowledgments. The following organizations assisted the Bureau to collect the data appearing in this section: Alaska Department of Fish and Game, Washington Department of Fisheries, Oregon Fish Commission, and California Department of Fish and Game.

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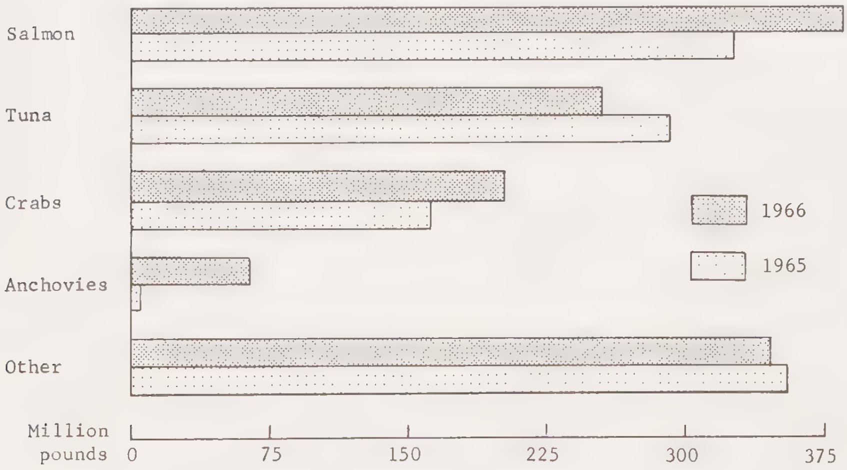
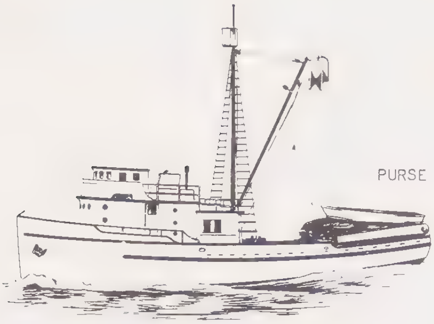
PACIFIC COAST LANDINGS, 1966 AND 1965

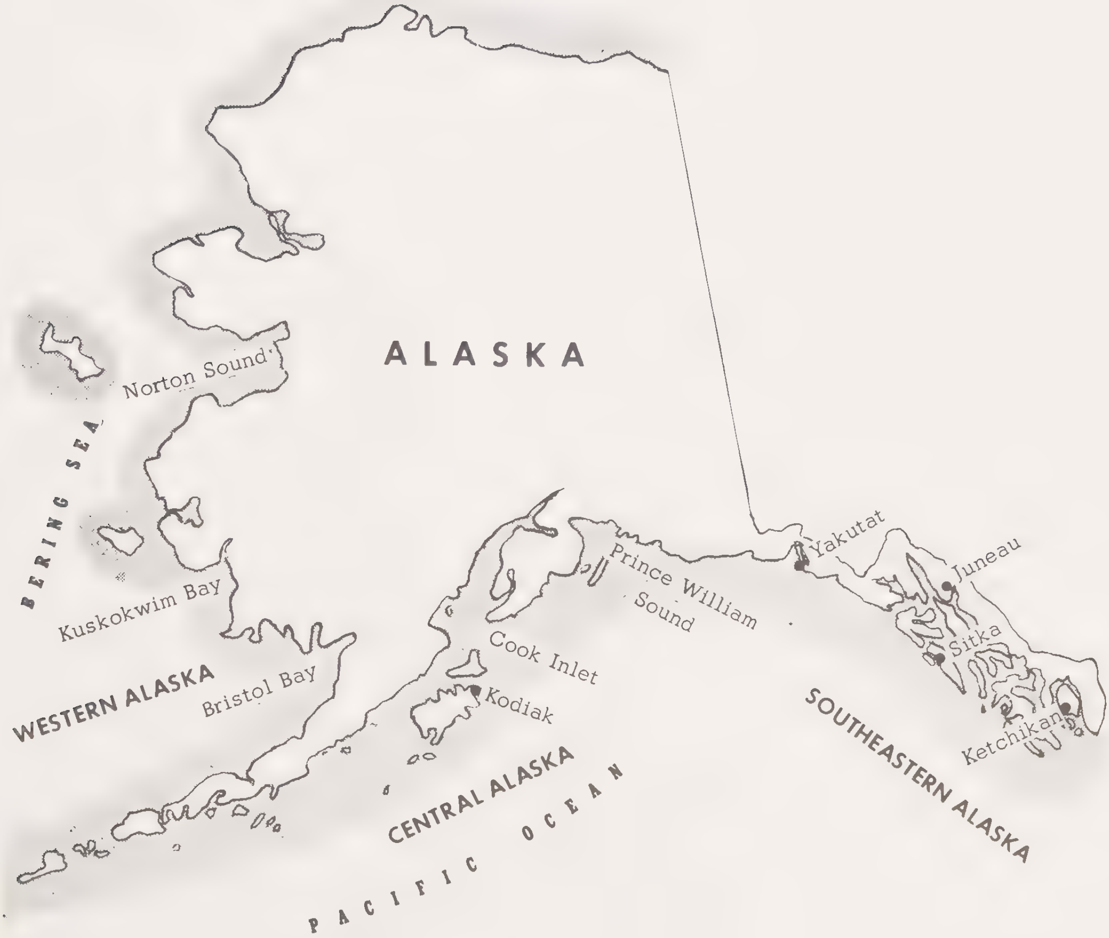


PACIFIC COAST FISHERIES



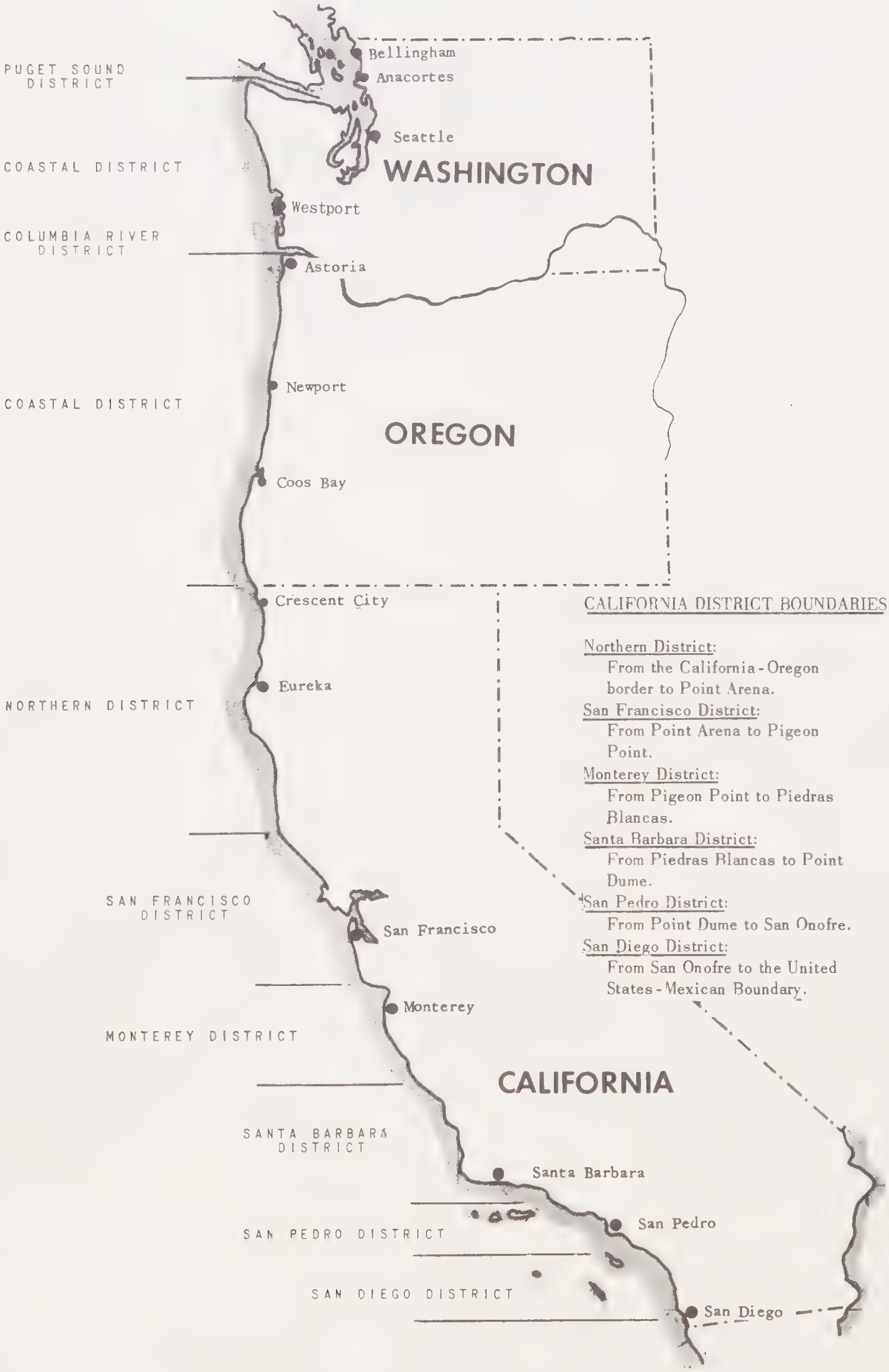
PURSE SEINER

PACIFIC COAST STATES



PACIFIC COAST FISHERIES

PACIFIC COAST STATES - Continued



CALIFORNIA DISTRICT BOUNDARIES

Northern District:
From the California - Oregon border to Point Arena.
San Francisco District:
From Point Arena to Pigeon Point.
Monterey District:
From Pigeon Point to Piedras Blancas.
Santa Barbara District:
From Piedras Blancas to Point Dume.
San Pedro District:
From Point Dume to San Onofre.
San Diego District:
From San Onofre to the United States - Mexican Boundary.

PACIFIC COAST FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1966

(MILLIONS OF POUNDS AND MILLIONS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.	
	QUANTITY	VALUE	QUANTITY	VALUE
ALASKA	389	63	193	18
WASHINGTON	117	16	19	5
OREGON	59	9	16	2
CALIFORNIA	419	51	35	4
TOTAL	984	139	263	29

STATE	WHALE PRODUCTS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
ALASKA	-	-	582	81
WASHINGTON	-	-	136	21
OREGON	-	-	75	11
CALIFORNIA	7	(1)	461	55
TOTAL	7	(1)	1,254	168

1/ LESS THAN $500,000.

* * *

SUMMARY OF OPERATING UNITS, 1966

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	7,953	3,553	2,113	5,808	16,112
ON BOATS AND SHORE	11,459	5,197	1,426	3,662	21,624
TOTAL	19,412	8,750	3,539	9,470	37,736
VESSELS, MOTOR	2,340	1,267	921	1,787	5,076
GROSS TONNAGE	57,947	28,795	24,018	82,493	157,261
BOATS:					
MOTOR	6,900	2,579	1,094	2,018	14,434
OTHER	-	208	14	-	232
GEAR:					
HAUL SEINES	-	86	4	4	94
LENGTH, YARDS	-	6,875	400	1,525	8,800
PURSE SEINES AND LAMPARA NETS:					
ANCHOVY	-	-	-	61	61
LENGTH, YARDS	-	-	-	30,540	30,540
HERRING	19	5	-	-	22
LENGTH, YARDS	9,300	2,125	-	-	10,575
MACKEREL AND SARDINE	-	-	-	68	68
LENGTH, YARDS	-	-	-	35,055	35,055
SALMON	1,360	225	-	-	1,462
LENGTH, YARDS	551,100	120,735	-	-	610,635
SQUID	-	-	-	5	5
LENGTH, YARDS	-	-	-	2,125	2,125
TUNA	-	-	2	137	137
LENGTH, YARDS	-	-	1,625	102,265	102,265
OTHER	-	-	-	10	10
LENGTH, YARDS	-	-	-	3,885	3,885
BEAM TRAWLS, SHRIMP	17	1	-	-	18
YARDS AT MOUTH	187	8	-	-	195
OTTER TRAWLS:					
FISH	-	109	47	88	232
YARDS AT MOUTH	-	2,350	1,021	2,334	5,452
SHRIMP	18	2	28	26	63
YARDS AT MOUTH	270	38	532	390	1,065
MID-WATER TRAWLS	-	10	1	-	11
YARDS AT MOUTH	-	364	44	-	408

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1966 - Continued

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
BRUSH WEIRS	-	1	-	-	1
POUND NETS	-	2	-	-	2
FLOATING TRAPS	4	-	-	-	4
POTS AND TRAPS:					
CRAB:					
DUNGENESS	17,700	23,075	28,500	28,242	93,908
KING	41,340	-	-	-	41,340
CRAWFISH	-	-	150	-	150
FISH	-	-	-	98	98
LOBSTER, SPINY	-	-	-	17,232	17,232
OCTOPUS	500	100	-	133	733
SHRIMP	150	125	-	-	275
GILL NETS:					
ANCHOR, SET OR STAKE:					
SALMON	2,587	323	85	-	2,995
SQUARE YARDS	1,770,000	79,125	30,000	-	1,879,125
OTHER	40	2	140	-	182
SQUARE YARDS	12,000	3,000	35,000	-	50,000
DRIFT:					
BARRACUDA	-	-	-	9	9
SQUARE YARDS	-	-	-	30,300	30,300
SALMON	4,172	1,197	421	-	5,718
SQUARE YARDS	4,455,000	5,981,500	1,285,000	-	11,532,000
SEA BASS	-	-	-	76	76
SQUARE YARDS	-	-	-	258,275	258,275
SHAD	-	-	38	-	38
SQUARE YARDS	-	-	75,000	-	75,000
OTHER	-	20	35	15	55
SQUARE YARDS	-	18,000	32,000	51,500	87,500
TRAMMEL NETS	-	-	-	14	14
SQUARE YARDS	-	-	-	68,700	68,700
LINES:					
HAND:					
ROCKFISHES	-	52	-	710	762
HOOKS	-	104	-	1,420	1,524
TUNA:					
ALBACORE	-	-	138	625	684
HOOKS	-	-	138	625	684
YELLOWFIN AND SKIPJACK	-	-	-	417	417
HOOKS	-	-	-	417	417
OTHER	-	4	-	157	161
HOOKS	-	4	-	314	318
TROLL:					
ALBACORE	-	1,313	6,141	9,207	13,106
HOOKS	-	1,313	6,141	9,207	13,106
SALMON	5,456	6,884	4,848	12,780	26,986
HOOKS	33,120	30,428	22,324	51,120	123,544
OTHER	-	44	-	351	395
HOOKS	-	88	-	351	439
LONG OR SET WITH HOOKS	8,273	2,702	110	965	9,871
HOOKS	726,365	261,840	10,520	96,500	888,205
DIP, BRAIL, OR SCOOP NETS	-	123	40	63	226
REEF NETS	-	52	-	-	52
WHEELS	11	-	-	-	11
HARPOONS:					
SWORDFISH	-	-	-	50	50
WHALE	-	-	-	5	5
DREDGES:					
CLAM	-	2	-	-	2
YARDS AT MOUTH	-	2	-	-	2
OYSTER:					
COMMON	-	66	4	4	74
YARDS AT MOUTH	-	132	8	4	144
SUCTION	-	2	-	1	3
TONGS, OYSTER	-	-	-	33	33
SHOVELS	100	1,823	175	4	2,102
DIVING OUTFITS, ABALONE	-	-	-	271	271

PACIFIC COAST FISHERIES

LANDINGS BY STATES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA		WASHINGTON		OREGON	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ARCTIC CHAR	25	5	-	-	-	-
CARP	-	-	425	2	-	-
COD	-	-	9,347	486	636	32
FLOUNDERS:						
"SOLE"	-	-	10,119	799	13,455	914
UNCLASSIFIED	-	-	494	26	665	26
HAKE	-	-	11,699	112	65	1
HALIBUT	33,354	7,815	6,826	1,854	145	39
HERRING, SEA	19,256	289	4,515	256	94	23
LAKE TROUT	6	1	-	-	-	-
LINGCOD	-	-	6,108	328	1,051	51
NORTHERN PIKE	12	2	-	-	-	-
OCEAN PERCH	-	-	17,325	901	4,539	204
PERCH	-	-	183	21	-	-
POLLOCK	-	-	267	4	-	-
RATFISH	-	-	1,340	12	-	-
ROCKFISHES	45	5	9,576	491	5,844	256
SABLEFISH	2,311	273	1,019	126	385	39
SALMON:						
CHINOOK OR KING	9,350	2,949	5,907	2,278	3,662	1,344
CHUM OR KETA	52,229	5,718	4,270	955	7	1
PINK	162,866	22,093	146	30	4	1
RED OR SOCKEYE	92,767	19,737	9,238	3,191	7	2
SILVER OR COHO	16,113	3,705	12,806	3,987	8,693	2,628
TOTAL SALMON	333,325	54,202	32,367	10,441	12,373	3,976
SHAD	-	-	353	16	994	86
SHARKS:						
GRAYFISH	-	-	1,672	13	-	-
SOUPFIN	-	-	16	(2)	-	-
TOTAL SHARKS	-	-	1,688	13	-	-
SHEEFISH	17	4	-	-	-	-
SKATES	-	-	500	6	163	4
SMELT:						
EULACHON	-	-	498	60	242	39
SURF OR SILVER	-	-	349	32	-	-
STEELHEAD TROUT	31	6	200	52	349	101
STRIPED BASS	-	-	-	-	48	5
STURGEON, COMMON	-	-	233	20	191	21
TOMCOD	-	-	307	5	-	-
TUNA:						
ALBACORE	-	-	1,101	205	17,682	3,264
BLUEFIN	-	-	-	-	358	61
TOTAL TUNA	-	-	1,101	205	18,040	3,325
WHITEFISH	14	3	-	-	-	-
TOTAL FISH	388,396	62,605	116,839	16,268	59,279	9,142
SHELLFISH, ETC.						
CRABS:						
DUNGENESS	5,053	606	11,745	1,662	10,544	1,401
KING	159,202	15,671	-	-	-	-
TANNER	(2)	(2)	-	-	-	-
TOTAL CRABS	164,255	16,277	11,745	1,662	10,544	1,401
CRAWFISH, FRESH-WATER	-	-	-	-	2	1
SHRIMP	28,193	1,288	333	49	4,684	484
ABALONE	5	5	-	-	-	-
CLAMS:						
HARD	-	-	337	164	-	-
RAZOR	29	9	170	104	35	24
MIXED	-	-	-	-	10	8
TOTAL CLAMS	29	9	507	268	45	32

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA		WASHINGTON		OREGON	
SHELLFISH, ETC. - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OCTOPUS	123	31	24	3	(2)	(2)
OYSTERS, MARKET:						
PACIFIC	7	7	6,735	2,305	250	107
WESTERN	-	-	35	104	-	-
TOTAL OYSTERS	7	7	6,770	2,409	250	107
KELP (WITH HERRING EGGS)	662	496	-	-	-	-
TOTAL SHELLFISH, ETC.	193,274	18,113	19,379	4,391	15,525	2,025
GRAND TOTAL	581,670	80,718	136,218	20,659	74,804	11,167

SPECIES	CALIFORNIA 1/		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVIES	62,280	644	62,280	644
ARCTIC CHAR	-	-	25	5
BARRACUDA	319	57	319	57
BONITO	19,148	761	19,148	761
CABEZONE	13	1	13	1
CABRILLA	12	2	12	2
CARP	252	10	677	12
COD	-	-	9,983	518
FLOUNDERS:				
ARROWTOOTH HALIBUT	4	(2)	4	(2)
CALIFORNIA HALIBUT	3/1,011	3/ 264	1,011	264
SAND DABS	720	58	720	58
"SOLE"	19,981	1,664	43,555	3,377
UNCLASSIFIED	3/ 381	3/ 27	1,540	79
FLYING FISH	56	7	56	7
GROUPERS	251	57	251	57
HAKE	69	1	11,833	114
HALFMOON	10	2	10	2
HALIBUT	1	(2)	40,326	9,708
HARDHEAD	257	51	257	51
HERRING, SEA	242	23	24,107	591
KING CROAKER	791	44	791	44
LAKE TROUT	-	-	6	1
LINGCOD	800	71	7,959	450
MACKEREL:				
JACK	40,899	1,425	40,899	1,425
PACIFIC	4,630	189	4,630	189
NORTHERN PIKE	-	-	12	2
OCEAN PERCH	-	-	21,864	1,105
OPALEYE	19	4	19	4
PERCH	160	30	343	51
POLLOCK	-	-	267	4
POMPANO	60	20	60	20
RATFISH	-	-	1,340	12
ROCKFISHES	10,064	660	25,529	1,412
SABLEFISH	3,216	231	6,931	669
SALMON:				
CHINOOK OR KING	8,304	4,418	27,223	10,989
CHUM OR KETA	-	-	56,506	6,674
PINK	-	-	163,016	22,124
RED OR SOCKEYE	-	-	102,012	22,930
SILVER OR COHO	1,143	428	38,755	10,748
TOTAL SALMON	9,447	4,846	387,512	73,465
SARDINE, PACIFIC	878	152	878	152
SCULPIN	109	32	109	32
SEA BASS:				
BLACK	341	60	341	60
WHITE	1,338	375	1,338	375
SHAD	-	-	1,347	102
SHARKS:				
GRAYFISH	-	-	1,672	13
SOUPFIN	-	-	16	(2)
UNCLASSIFIED	654	67	654	67
TOTAL SHARKS	654	67	2,342	80

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	CALIFORNIA 1/		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE
SHEEFISH	-	-	17	4
SHEEPSHEAD	16	1	16	1
SKATES	154	2	817	12
SMELT:				
EULACHON	-	-	740	99
SURF OR SILVER	522	32	871	64
STEELHEAD TROUT	-	-	580	159
STRIPED BASS	-	-	48	5
STURGEON, COMMON	-	-	424	41
SWORDFISH	469	220	469	220
TOMCOD	-	-	307	5
TUNA:				
ALBACORE	18,189	3,361	36,972	6,830
BLUEFIN	34,821	5,105	35,179	5,166
SKIPJACK	51,089	6,761	51,089	6,761
YELLOWFIN	132,611	23,692	132,611	23,692
TOTAL TUNA	236,710	38,919	255,851	42,449
TURBOT	83	4	83	4
WHITEBAIT	162	17	162	17
WHITEFISH	-	-	14	3
YELLOWTAIL	245	27	245	27
UNCLASSIFIED:				
FOR FOOD	52	3	52	3
BAIT AND ANIMAL FOOD	2,380	44	2,380	44
TOTAL FISH	419,206	51,104	983,720	139,119
SHELLFISH, ETC.				
CRABS:				
DUNGENESS	12,376	1,880	39,718	5,549
KING	-	-	159,202	15,671
ROCK	331	33	331	33
TANNER	-	-	(2)	(2)
TOTAL CRABS	12,707	1,913	199,251	21,253
CRAWFISH, FRESH-WATER	-	-	2	1
LOBSTER, SPINY	489	409	489	409
SHRIMP	1,228	135	34,438	1,956
ABALONE	993	915	998	920
CLAMS:				
HARD	1	(2)	338	164
RAZOR	-	-	234	137
MIXED	-	-	10	8
TOTAL CLAMS	1	(2)	582	309
OCTOPUS	18	1	165	35
OYSTERS, MARKET:				
EASTERN	13	41	13	41
PACIFIC	787	181	7,779	2,600
WESTERN	-	-	35	104
TOTAL OYSTERS	800	222	7,827	2,745
SQUID	19,026	451	19,026	451
KELP (WITH HERRING EGGS)	-	-	662	496
TOTAL SHELLFISH, ETC.	35,262	4,046	263,440	28,575
WHALE PRODUCTS:				
MEAL	2,188	131	2,188	131
MEAT	2,227	178	2,227	178
OIL:				
SPERM	551	33	551	33
WHALE	1,511	90	1,511	90
TOTAL WHALE PRODUCTS	6,477	432	6,477	432
GRAND TOTAL	460,945	55,582	1,253,637	168,126

1/ INCLUDES THE CATCH TAKEN OFF LATIN AMERICA AND LANDED AT CALIFORNIA PORTS. 2/ LESS THAN 500 POUNDS OR $500.
3/ SOME HALIBUT MAY BE INCLUDED WITH "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS". NOTE:--DATA ON THE VOLUME OF FISH LANDED IN ALASKA, WASHINGTON, AND OREGON ARE IN ROUND WEIGHT, WHILE THOSE FOR CALIFORNIA ARE SHOWN IN WEIGHTS AS LANDED, EXCEPT FOR SHELL MOLLUSKS. IN ALL STATES, CLAMS AND OYSTERS ARE REPORTED IN WEIGHT OF TOTAL MEATS; ABALONE, IN WEIGHT OF EDIBLE MEAT. ALASKA DATA INCLUDE THE CATCH OF HALIBUT, SABLEFISH, AND ROCKFISHES LANDED BY U.S. VESSELS AT BRITISH COLUMBIA PORTS.

PROCESSED FISHERY PRODUCTS, 1966

ITEM		ALASKA		WASHINGTON	
		QUANTITY	VALUE	QUANTITY	VALUE
COD:					
FILLETS, FRESH AND FROZEN	POUNDS	-	-	2,743,233	$726,510
SALTED	DO	-	-	(1)	(1)
LUTEFISK	DO	-	-	(1)	(1)
FLOUNDER FILLETS, FRESH AND FROZEN	DO	-	-	2,695,383	1,202,468
HAKE:					
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL	1,000 POUNDS	-	-	(1)	(1)
HALIBUT:					
FRESH AND FROZEN:					
FILLETS	POUNDS	-	-	1,001,914	779,465
STEAKS	DO	-	-	4,588,859	2,747,417
CHEEKS	DO	30,749	$11,750	-	-
CANNED, REGULAR	STANDARD CASES	21	1,673	-	-
SMOKED	POUNDS	-	-	233,810	83,913
HERRING, SEA:					
BAIT, FROZEN	DO	5,263,430	262,072	-	-
SALTED:					
ROE	DO	198,475	331,741	-	-
EGGS WITH KELP	DO	552,508	605,077	-	-
MEAL AND SCRAP	TONS	1,237	229,700	(3)	(3)
OIL	1,000 POUNDS	1,807	155,688	(3)	(3)
LINGCOD:					
FILLETS, FRESH AND FROZEN	POUNDS	-	-	1,909,174	494,073
CANNED, SMOKED AND PASTE	STANDARD CASES	-	-	(1)	(1)
SMOKED	POUNDS	-	-	(1)	(1)
OCEAN PERCH FILLETS, FRESH AND FROZEN	DO	-	-	5,065,930	1,412,019
ROCKFISH FILLETS, FRESH AND FROZEN	DO	-	-	2,825,472	704,604
SABLEFISH:					
FILLETS AND STEAKS, FRESH AND FROZEN	DO	-	-	31,322	8,607
SALTED	DO	-	-	(1)	(1)
SMOKED	DO	1,344	1,061	77,700	36,520
SALMON:					
FRESH AND FROZEN:					
FILLETS	DO	-	-	1,196,585	1,177,782
STEAKS	DO	-	-	1,074,654	811,139
BAIT	DO	1,387,593	155,318	-	-
EGGS FOR BAIT	DO	60,420	19,933	-	-
CANNED:					
CHINOOK OR KING	STANDARD CASES	34,832	1,317,902	11,273	378,823
CHUM OR KETA	DO	585,405	13,922,081	25,851	635,996
PINK	DO	2,015,971	55,546,560	52,588	1,601,673
RED OR SOCKEYE	DO	1,237,300	46,176,237	144,942	7,442,741
SILVER OR COHO	DO	116,917	3,583,908	39,709	1,349,964
TOTAL	DO	3,990,425	120,546,688	274,363	11,409,197
EGGS FOR BAIT	DO	-	-	11,637	1,253,539
SMOKED	DO	384	29,494	861	82,601
SPECIALTIES (PASTE, SALTED LIVERS, ETC.)	DO	-	-	(1)	(1)
SALTED:					
MILD CURED	POUNDS	1,222,424	1,090,627	978,375	896,475
PICKLED	DO	86,186	66,824	-	-
EGGS FOR FOOD	DO	3,481,888	3,032,702	-	-
EGGS FOR BAIT	DO	-	-	26,985	16,018
SPECIALTIES, CAVIAR	DO	-	-	158,061	195,002
SMOKED	DO	25,412	33,051	681,410	509,237
SHAD, CANNED:					
FISH	STANDARD CASES	-	-	7,460	59,223
ROE	DO	-	-	1,384	122,117
SPECIALTIES (SMOKED PASTE)	DO	-	-	(1)	(1)
STURGEON:					
CANNED, SMOKED AND SPREADS	DO	-	-	397	24,333
SMOKED	POUNDS	-	-	(1)	(1)
SWORDFISH STEAKS, FRESH AND FROZEN	DO	-	-	882,027	539,486
TUNA, CANNED:					
ALBACORE, TOTAL	STANDARD CASES	-	-	[5]318,461	[5]3,721,875
SPECIALTIES, SMOKED, CREAMED AND SPREADS	DO	-	-	27	2,655
MEAL AND SCRAP	TONS	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		ALASKA		WASHINGTON	
		QUANTITY	VALUE	QUANTITY	VALUE
CRABS:					
DUNGENESS:					
FRESH AND FROZEN:					
COOKED MEAT.	POUNDS	927,099	$1,000,076	1,386,783	[illegible]
SECTIONS	DO	1,443,433	519,608	-	-
WHOLE COOKED	DO	135,324	43,678	-	-
CANNED:					
REGULAR.	STANDARD CASES	5,565	199,923	[illegible]	1,920,936
SPECIALTIES (COCKTAILS, PASTE AND SMOKED)	DO	-	-	(1)	(1)
MEAL AND SCRAP	TONS	-	-	237	15,035
KING:					
FRESH AND FROZEN:					
COOKED MEAT.	POUNDS	25,213,779	26,000,275	(1)	(1)
SECTIONS	DO	12,157,815	5,277,183	-	-
CANNED REGULAR	STANDARD CASES	445,970	13,090,417	(6)	(6)
SHRIMP:					
FRESH AND FROZEN:					
RAW HEADLESS	POUNDS	1,688,431	[illegible]	-	-
MEAT, RAW AND COOKED	DO	384,658	476,395	(1)	(1)
BREADED, RAW AND COOKED.	DO	-	-	(1)	(1)
CANNED, REGULAR.	STANDARD CASES	189,814	1,150,856	(1)	(1)
ABALONE, SHUCKED MEATS, FRESH. . . .	POUNDS	4,900	6,125	-	-
CLAMS:					
HARD, CANNED:					
WHOLE AND MINCED.	STANDARD CASES	-	-	(1)	(1)
CHOWDER AND JUICE.	DO	-	-	[illegible]	52,214
SPECIALTIES (IN THE SHELL AND STEW BASE).	DO	-	-	(1)	(1)
RAZOR:					
SHUCKED, FRESH AND FROZEN. . . .	GALLONS	413	[illegible]	(1)	(1)
CANNED:					
WHOLE AND MINCED	STANDARD CASES	[illegible]	[illegible]	[illegible]	[illegible]
SPECIALTIES (SMOKED)	DO	-	-	(1)	(1)
OCTOPUS, FROZEN (FOR BAIT)	POUNDS	[illegible]	[illegible]	-	-
OYSTERS:					
SHUCKED, FRESH AND FROZEN:					
PACIFIC.	GALLONS	[illegible]	[illegible]	[illegible]	[illegible]
WESTERN.	DO	-	-	[illegible]	153,772
BREADED RAW, FROZEN	POUNDS	-	-	(1)	(1)
CANNED:					
REGULAR.	STANDARD CASES	-	-	(1)	(1)
SMOKED	DO	-	-	[illegible]	[illegible]
SPECIALTIES (SOUPS, STEWS, ETC.)	DO	-	-	[illegible]	[illegible]
SCALLOPS, BREADED, RAW AND COOKED. .	POUNDS	-	-	(1)	(1)
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED FISH:					
STICKS BREADED:					
RAW.	DO	-	-	(1)	(1)
COOKED	DO	-	-	(1)	(1)
PORTIONS:					
RAW, BREADED	DO	-	-	(1)	(1)
BREADED AND COOKED	DO	-	-	[illegible]	374,500
FISH AND SHELLFISH	DO	-	-	1,424,465	797,502
CANNED:					
FISH AND SHELLFISH	STANDARD CASES	-	-	45,470	733,289
ANIMAL FOOD.	DO	-	-	[illegible]	561,373
CURED.	POUNDS	-	-	(7)	(7)
INDUSTRIAL	-	-	-	-	913,308
TOTAL.	-	-	176,086,211	-	41,128,819

ITEM		OREGON		CALIFORNIA	
		QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVIES:					
DRESSED, FROZEN.	POUNDS	-	-	(1)	(1)
CANNED, IN TOMATO SAUCE.	STANDARD CASES	-	-	(1)	(1)
MEAL AND SCRAP	TONS	-	-	4,468	$675,748
OIL.	1,000 POUNDS	-	-	773	56,608
BARRACUDA, SMOKED.	POUNDS	-	-	7,497	4,535
BLUEFISH FILLETS, FRESH.	DO	-	-	(1)	(1)
CARP MEAL.	TONS	-	-	(1)	(1)
CATFISH SPECIALTIES, FROZEN PATTIES, BREADED AND COOKED.	POUNDS	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		OREGON		CALIFORNIA	
		QUANTITY	VALUE	QUANTITY	VALUE
COD:					
FILLETS, FRESH AND FROZEN.	POUNDS	139,492	$37,804	(2)	(2)
SPECIALTIES, FROZEN PATTIES, BREADED AND COOKED.	DO	-	-	(1)	(1)
SMOKED	DO	-	-	(1)	(1)
FLOUNDERS:					
FILLETS AND STEAKS, FRESH AND FROZEN.	DO	3,566,927	1,605,369	5,509,877	$2,091,579
SPECIALTIES, FROZEN PATTIES, BREADED AND COOKED.	DO	-	-	(1)	(1)
HADDOCK SPECIALTIES, FROZEN PATTIES, BREADED AND COOKED.	DO	-	-	(1)	(1)
HALIBUT:					
FRESH AND FROZEN:					
FILLETS.	DO	-	-	245,350	199,210
STEAKS	DO	(2)	(2)	1,306,838	777,661
SPECIALTIES, FROZEN (PATTIES, FISH AND CHIPS, BREADED AND COOKED). .	DO	-	-	(1)	(1)
SMOKED	DO	-	-	66,083	39,543
HERRING, SEA, DRESSED, FROZEN. . . .	DO	-	-	(1)	(1)
LINGCOD:					
FILLETS, FRESH AND FROZEN.	DO	314,414	79,707	248,010	65,835
SMOKED	DO	-	-	(1)	(1)
MACKEREL:					
JACK, DRESSED, FROZEN.	DO	-	-	(1)	(1)
CANNED:					
JACK	STANDARD CASES	-	-	370,249	2,992,508
PACIFIC.	DO	-	-	42,527	353,536
SMOKED	POUNDS	-	-	2,713	1,573
MEAL AND SCRAP	TONS	-	-	(1)	(1)
OIL.	1,000 POUNDS	-	-	(1)	(1)
MARLIN, CANNED (SMOKED).	STANDARD CASES	-	-	(1)	(1)
OCEAN PERCH:					
FILLETS, FRESH AND FROZEN.	POUNDS	1,351,566	337,574	-	-
SPECIALTIES, FROZEN PATTIES, BREADED AND COOKED.	DO	-	-	(1)	(1)
PERCH FILLETS, FRESH AND FROZEN. . .	DO	-	-	(1)	(1)
ROCKFISH:					
FILLETS, FRESH AND FROZEN.	DO	1,341,174	325,441	1,654,140	516,375
SMOKED	DO	-	-	(1)	(1)
SABLEFISH:					
FILLETS, FRESH AND FROZEN.	DO	-	-	(2)	(2)
SALTED	DO	-	-	(1)	(1)
SMOKED	DO	-	-	259,355	180,730
SALMON:					
FRESH AND FROZEN:					
FILLETS.	DO	-	-	(2)	(2)
STEAKS	DO	(2)	(2)	532,367	397,279
SPECIALTIES (CAKES).	DO	-	-	(1)	(1)
CANNED:					
CHINOOK OR KING.	STANDARD CASES	37,557	1,784,353	(4)	(4)
CHUM OR KETA	DO	93	2,224	-	-
RED OR SOCKEYE	DO	3,298	211,227	-	-
SILVER OR COHO	DO	48,904	1,999,392	-	-
STEELHEAD.	DO	2,875	122,289	-	-
TOTAL	DO	92,727	4,119,485	(4)	(4)
SMOKED	DO	144	11,446	(2)	(2)
SALTED:					
MILD CURED	POUNDS	-	-	1,989,097	1,833,912
PICKLED.	DO	-	-	(1)	(1)
SMOKED	DO	(1)	(1)	1,201,851	1,339,174
OIL.	1,000 POUNDS	(1)	(1)	-	-
SARDINES, PACIFIC:					
CANNED	STANDARD CASES	-	-	2,581	24,750
SALTED	POUNDS	-	-	95,856	12,461
SEA BASS:					
FILLETS AND STEAKS, FRESH AND FROZEN.	DO	-	-	188,121	91,719
SMOKED	DO	-	-	(1)	(1)
SHAD:					
CANNED:					
FISH	STANDARD CASES	(2)	(2)	-	-
ROE.	DO	(2)	(2)	(2)	(2)
SMOKED	POUNDS	-	-	(1)	(1)
SHARK, SMOKED.	DO	-	-	2,286	1,493
SMELT, FREEZE-DRIED, RAW	DO	-	-	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST FISHERIES

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		OREGON		CALIFORNIA	
		QUANTITY	VALUE	QUANTITY	VALUE
STURGEON:					
CANNED, SMOKED AND SPREADS	STANDARD CASES	190	$14,588	-	-
SMOKED	POUNDS	-	-	(1)	(1)
SWORDFISH:					
STEAKS, FRESH AND FROZEN	DO	-	-	(2)	(2)
SMOKED	DO	-	-	12,701	$11,145
TUNA:					
FILLETS, FRESH	DO	-	-	(1)	(1)
CANNED:					
ALBACORE	STANDARD CASES	862,908	14,355,124	2,115,813	29,794,343
LIGHT MEAT	DO	359,301	4,345,910	7,497,518	98,955,472
TOTAL CANNED TUNA	DO	1,222,209	18,701,034	9,613,331	128,749,815
SPECIALTIES:					
SMOKED, CREAMED AND SPREADS	DO	(1)	(1)	22,244	741,823
WITH NOODLES AND BEANS	DO	-	-	(1)	(1)
SMOKED	POUNDS	-	-	32,211	30,849
MEAL AND SCRAP	TONS	-	-	13,689	1,783,369
OIL	1,000 POUNDS	-	-	3,240	249,304
SOLUBLES	TONS	-	-	(1)	(1)
TUNALIKE FISH (BONITO AND YELLOWTAIL):					
FILLETS, FRESH	POUNDS	-	-	(1)	(1)
CANNED	STANDARD CASES	-	-	(1)	(1)
SMOKED	POUNDS	-	-	35,084	21,040
WAHOO, SMOKED	DO	-	-	(1)	(1)
WHITEFISH, SMOKED	DO	-	-	(1)	(1)
WHITING, SMOKED	DO	-	-	(1)	(1)
CRABS:					
DUNGENESS:					
FRESH AND FROZEN:					
COOKED MEAT	DO	1,092,655	1,114,753	1,308,134	1,527,422
SPECIALTIES (COCKTAILS AND DIPS)	DO	-	-	(1)	(1)
CANNED:					
REGULAR	STANDARD CASES	(2)	(2)	-	-
SPECIALTIES (COCKTAILS, PASTE AND SMOKED)	DO	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(2)	(2)	-	-
LOBSTERS, SPINY:					
FROZEN:					
WHOLE, COOKED	POUNDS	-	-	(1)	(1)
TAILS, RAW	DO	-	-	(1)	(1)
SPECIALTIES FRESH, COCKTAILS (REFRIGERATED)	DO	-	-	(1)	(1)
SHRIMP:					
FRESH OR FROZEN:					
RAW HEADLESS	DO	-	-	319,349	362,263
MEAT, RAW AND COOKED	DO	908,891	1,290,504	751,976	951,276
PEELED AND DEVEINED	DO	-	-	320,639	399,050
BREADED, RAW AND COOKED	DO	-	-	7,119,423	6,995,999
SPECIALTIES, DIPS AND COCKTAILS (REFRIGERATED)	DO	-	-	(1)	(1)
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (COCKTAILS AND PICKLED PRAWNS)	DO	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
ABALONE:					
STEAKS:					
FRESH AND FROZEN	POUNDS	-	-	811,390	1,349,637
BREADED RAW, FROZEN	DO	-	-	(1)	(1)
SPECIALTIES, FROZEN (PATTIES, BREADED RAW)	DO	-	-	(1)	(1)
CLAMS, RAZOR:					
SHUCKED, FRESH OR FROZEN	GALLONS	(1)	(1)	-	-
CANNED, WHOLE AND MINCED	STANDARD CASES	(1)	(1)	-	-
OYSTERS:					
SHUCKED, FRESH AND FROZEN:					
EASTERN	GALLONS	-	-	(1)	(1)
PACIFIC	DO	114,958	653,075	140,931	630,542
WESTERN	DO	(2)	(2)	-	-
BREADED RAW, FROZEN:					
EASTERN	POUNDS	-	-	123,128	93,220
PACIFIC	DO	-	-	(1)	(1)
CANNED:					
REGULAR	STANDARD CASES	(1)	(1)	-	-
SPECIALTIES (SOUPS, STEWS, ETC)	DO	(2)	(2)	-	-
SHELL, GRIT AND LIME	TONS	(1)	(1)	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

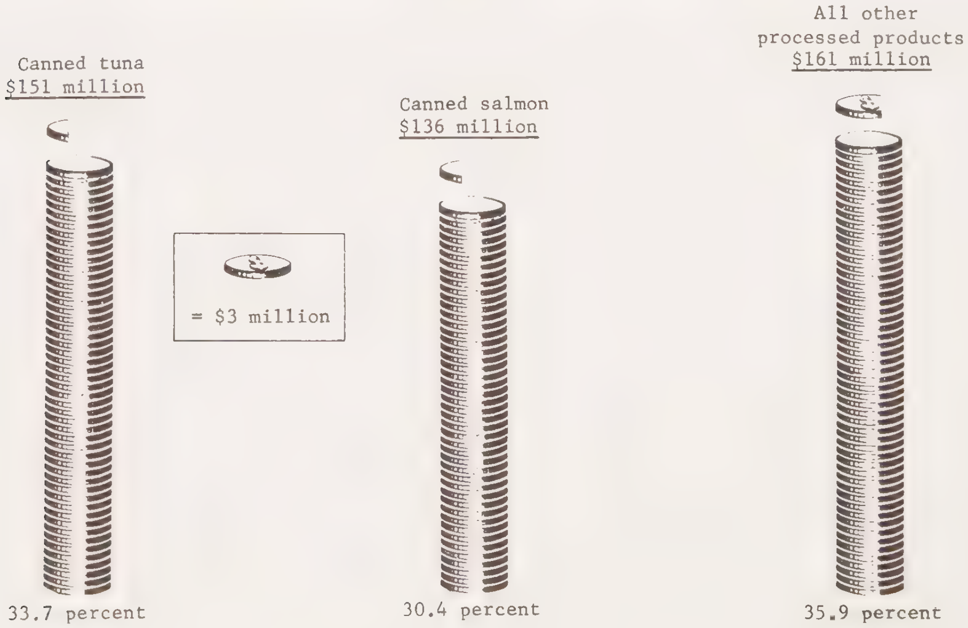
PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		OREGON		CALIFORNIA	
		QUANTITY	VALUE	QUANTITY	VALUE
SCALLOPS, BREADED, RAW AND COOKED. .	POUNDS	-	-	782,353	$ 548,030
SQUID:					
NATURAL, FROZEN.	DO	-	-	6,810,074	816,040
CANNED	STANDARD CASES	-	-	236,228	1,129,515
WHALE:					
MEAT, FROZEN (FOR ANIMAL FOOD) . .	POUNDS	-	-	2,227,304	178,153
MEAL	TONS	-	-	1,094	131,300
OIL:					
SPERM.	1,000 POUNDS	-	-	551	32,777
OTHER.	DO	-	-	1,511	90,112
UNCLASSIFIED:					
FRESH AND FROZEN PACKAGED FISH:					
STICKS BREADED:					
RAW.	POUNDS	-	-	471,813	214,341
COOKED	DO	-	-	8,082,621	4,405,529
PORTIONS:					
RAW:					
NOT BREADED.	DO	-	-	155,979	58,996
BREADED.	DO	-	-	1,772,358	864,612
BREADED AND COOKED	DO	-	-	1,159,053	509,214
COCKTAILS, (REFRIGERATED). . . .	DO	-	-	301,634	229,008
FISH AND SHELLFISH	DO	25,543	$38,121	2,849,404	2,097,858
CANNED:					
FISH AND SHELLFISH	STANDARD CASES	4,072	117,862	286,322	2,434,370
ANIMAL FOOD.	DO	352,287	2,347,223	1,442,671	16,693,393
CURED.	POUNDS	(7)	(7)	355,667	213,532
INDUSTRIAL	-	-	504,269	-	12,765,646
TOTAL.	-	-	31,596,170	-	199,215,500

1/ INCLUDED WITH UNCLASSIFIED.
2/ THE PRODUCTION OF CERTAIN ITEMS IN OREGON OR CALIFORNIA HAS BEEN INCLUDED WITH WASHINGTON.
3/ THE PRODUCTION OF HERRING MEAL AND OIL IN WASHINGTON HAS BEEN INCLUDED WITH ALASKA.
4/ A SMALL PRODUCTION OF CANNED SALMON PRODUCED IN CALIFORNIA HAS BEEN INCLUDED WITH OREGON.
5/ THE PACK OF LIGHT MEAT HAS BEEN INCLUDED WITH ALBACORE.
6/ THE PRODUCTION OF CANNED KING CRAB HAS BEEN INCLUDED WITH DUNGENESS CRAB.
7/ INCLUDED WITH FISH AND SHELLFISH.

NOTE:--THIS TABLE WILL NOT ADD. INDIVIDUAL STATE TOTALS ARE CORRECT. SOME PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

VALUE OF PACIFIC COAST PROCESSED FISHERY PRODUCTS, 1966



SUMMARY OF PROCESSED PRODUCTS, 1966

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	15,786
FROZEN	67,814
CANNED	336,162
CURED	10,662
INDUSTRIAL	17,603
TOTAL	448,027

VALUE OF PROCESSED PRODUCTS, BY STATES, 1966

(THOUSANDS OF DOLLARS)

STATE	VALUE
ALASKA	176,086
WASHINGTON	41,129
OREGON	31,596
CALIFORNIA	199,216
TOTAL	448,027

WHOLESALING AND PROCESSING, 1966

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:					
ESTABLISHMENTS	172	168	52	196	588
PERSONS ENGAGED:					
AVERAGE FOR SEASON	9,198	3,602	2,869	11,128	26,797
AVERAGE FOR YEAR	4,000	2,383	1,884	9,062	17,329

PACIFIC COAST FISHERIES

ALASKA FISHERIES

LANDINGS BY REGIONS, 1966

SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
FISH	POUNDS	VALUE	POUNDS	VALUE
HALIBUT 1/	24,899,000	$5,833,980	8,455,000	$1,981,020
HERRING	13,680,000	205,200	5,551,900	83,277
ROCKFISHES 2/	44,800	5,246	-	-
SABLEFISH	2,178,000	259,004	133,300	13,987
SALMON: 3/				
CHINOOK OR KING	4,683,800	2,029,169	555,700	137,253
CHUM OR KETA	28,149,200	3,535,077	19,493,900	1,820,590
PINK	89,927,900	13,446,435	64,899,200	7,795,942
RED OR SOCKEYE	7,168,000	2,280,648	27,296,800	6,708,511
SILVER OR COHO	10,800,300	2,915,556	4,399,200	700,297
TOTAL SALMON	140,729,200	24,206,885	116,644,800	17,162,593
TROUT, STEELHEAD	30,600	6,150	-	-
TOTAL FISH	181,561,600	30,516,465	130,785,000	19,240,877
SHELLFISH, ETC.				
ABALONE MEATS	4,900	5,000	-	-
CLAM MEATS, RAZOR	-	-	28,600	8,800
OCTOPUS	123,500	30,868	-	-
OYSTER MEATS	7,100	7,000	-	-
CRABS:				
DUNGENESS	2,496,200	299,541	2,557,300	306,878
KING	105,900	11,649	117,305,100	11,730,509
TANNER	-	-	200	11
SHRIMP	3,785,000	189,250	24,407,600	1,098,343
KELP (WITH HERRING EGGS)	662,000	496,491	-	-
TOTAL SHELLFISH, ETC.	7,184,600	1,039,799	144,298,800	13,144,541
GRAND TOTAL	188,746,200	31,556,264	275,083,800	32,385,418

SPECIES	WESTERN ALASKA		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE
ARCTIC CHAR	25,300	$5,000	25,300	$5,000
HALIBUT 1/	-	-	33,354,000	7,815,000
HERRING	23,800	358	19,255,700	288,835
ROCKFISHES 2/	-	-	44,800	5,246
SABLEFISH	-	-	2,311,300	272,991
SALMON: 3/				
CHINOOK OR KING	4,110,600	782,236	9,350,100	2,948,658
CHUM OR KETA	4,586,500	362,565	52,229,600	5,718,232
PINK	8,038,900	850,707	162,866,000	22,093,084
RED OR SOCKEYE	58,301,900	10,747,507	92,766,700	19,736,666
SILVER OR COHO	913,400	89,461	16,112,900	3,705,314
TOTAL SALMON	75,951,300	12,832,476	333,325,300	54,201,954
TROUT:				
LAKE TROUT	6,200	1,240	6,200	1,240
STEELHEAD	200	46	30,800	6,196
WHITEFISH	14,600	2,918	14,600	2,918
NORTHERN PIKE	11,500	2,302	11,500	2,302
SHEEFISH	16,800	3,360	16,800	3,360
TOTAL FISH	76,049,700	12,847,700	388,396,300	62,605,042
SHELLFISH, ETC.				
ABALONE MEATS	-	-	4,900	5,000
CLAM MEATS, RAZOR	-	-	28,600	8,800
OCTOPUS	-	-	123,500	30,868
OYSTER MEATS	-	-	7,100	7,000
CRABS:				
DUNGENESS	-	-	5,053,500	606,419
KING	41,790,700	3,928,327	159,201,700	15,670,485
TANNER	-	-	200	11
SHRIMP	-	-	28,192,600	1,287,593
KELP (WITH HERRING EGGS)	-	-	662,000	496,491
TOTAL SHELLFISH, ETC.	41,790,700	3,928,327	193,274,100	18,112,667
GRAND TOTAL	117,840,400	16,776,027	581,670,400	80,717,709

1/ INCLUDES THE VALUE OF HALIBUT LIVERS AMOUNTING TO $320.

2/ INCLUDES LINGCOD.

3/ THE ROUND WEIGHTS USED IN LANDING TABLES WERE OBTAINED BY MULTIPLYING NUMBER OF FISH BY THEIR AVERAGE WEIGHT.

NOTE:--THE ABOVE DATA INCLUDE LANDINGS OF HALIBUT, SABLEFISH, LINGCOD, AND ROCKFISHES BY VESSELS OF U.S. REGISTRY IN BRITISH COLUMBIA PORTS. ROUND WEIGHTS OF FISH TAKEN BY HALIBUT VESSELS WERE OBTAINED BY MULTIPLYING REPORTED WEIGHTS, REPRESENTING POUNDAGE OF FISH EVISCERATED AND WITH HEADS-OFF, BY THE FOLLOWING FACTORS: HALIBUT, 1.33; SABLEFISH AND ROCKFISHES, 1.43.

PACIFIC COAST FISHERIES

ALASKA

SUMMARY OF PRODUCTS AS PREPARED FOR MARKET, 1966

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	18,512,232	$7,456,129	9,557,278	$3,652,243
HERRING	8,547,601	1,218,007	1,452,768	343,571
ROCKFISHES	40,320	8,064	-	-
SABLEFISH	1,411,456	335,233	85,789	21,447
SALMON	97,778,570	52,494,847	80,848,844	49,791,735
TROUT, STEELHEAD	26,027	9,466	-	-
ABALONE	4,900	6,125	-	-
CLAMS, RAZOR	-	-	5,637	6,275
OYSTERS	7,157	12,630	-	-
OCTOPUS	117,300	38,709	-	-
CRABS:				
DUNGENESS	1,084,322	1,099,664	1,530,052	663,621
KING	67,337	51,090	28,938,907	27,520,316
TANNER	-	-	217	65
SHRIMP	700,158	768,965	2,654,171	2,570,698
TOTAL	128,297,380	63,498,929	125,073,663	84,569,971

ITEM	WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	28,069,510	$11,108,372
HERRING	23,844	$950	10,024,213	1,562,528
ROCKFISHES	-	-	40,320	8,064
SABLEFISH	-	-	1,497,245	356,680
SALMON	45,560,816	32,407,890	224,188,230	134,694,472
ARCTIC CHAR	18,950	9,500	18,950	9,500
TROUT:				
LAKE	4,660	2,330	4,660	2,330
STEELHEAD	197	65	26,224	9,531
WHITEFISH	10,920	5,460	10,920	5,460
NORTHERN PIKE	8,650	4,325	8,650	4,325
SHEEFISH	12,600	6,300	12,600	6,300
ABALONE	-	-	4,900	6,125
CLAMS, RAZOR	-	-	5,637	6,275
OYSTERS	-	-	7,157	12,630
OCTOPUS	-	-	117,300	38,709
CRABS:				
DUNGENESS	-	-	2,614,374	1,763,285
KING	17,061,765	16,796,469	46,068,009	44,367,875
TANNER	-	-	217	65
SHRIMP	-	-	3,354,329	3,339,663
TOTAL	62,702,402	49,233,289	316,073,445	197,302,189

NOTE:--DATA ON PRODUCTS AS PREPARED FOR MARKET INCLUDE THE PRODUCTION OF CANADIAN-CAUGHT HALIBUT LANDED IN ALASKA. THE QUANTITY OF FISH LANDED BY HALIBUT CRAFT OF U.S. REGISTRY AT BRITISH COLUMBIA PORTS IS INCLUDED IN THE LANDINGS CREDITED TO SOUTHEASTERN ALASKA, BUT IS NOT INCLUDED IN DATA ON PRODUCTS AS PREPARED FOR MARKET.

PRODUCTS AS PREPARED FOR MARKET, 1966

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
FRESH	POUNDS	VALUE	POUNDS	VALUE
SALMON, DRESSED	876,133	$205,105	718,312	$165,708
TROUT, DRESSED, STEELHEAD	1,679	561	-	-
ABALONE, WHOLE	4,900	6,125	-	-
CLAMS, RAZOR, MEAT	-	-	3,500	3,000
OYSTERS	7,157	12,630	-	-
CRABS:				
DUNGENESS, WHOLE	456	156	3,004	1,172
KING, WHOLE	3,752	1,500	676,128	290,808
SHRIMP, WHOLE	4,085	3,635	18,302	18,405
TOTAL FRESH	898,162	229,712	1,419,246	479,0[illegible]3
FROZEN				
HALIBUT:				
DRESSED	18,397,682	7,438,855	9,440,302	3,635,955
CHEEKS	21,092	7,512	9,657	4,238
LIVERS	3,266	489	-	-
BAIT	90,000	9,000	106,503	10,650

(CONTINUED ON NEXT PAGE)

PRODUCTS AS PREPARED FOR MARKET, 1966 - Continued

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
FROZEN - CONTINUED	POUNDS	VALUE	POUNDS	VALUE
HERRING, BAIT	4,843,694	$241,327	395,892	$19,795
ROCKFISHES, DRESSED	40,320	8,064	-	-
SABLEFISH, DRESSED	1,410,112	334,172	85,789	21,447
SALMON:				
DRESSED	18,151,683	7,273,530	4,691,338	1,396,462
VISCERA	101,150	14,161	137,473	27,495
BAIT	1,249,352	131,916	138,241	23,402
ROE, BAIT	-	-	60,420	19,933
TROUT, STEELHEAD, DRESSED	23,452	7,792	-	-
CLAMS, RAZOR, MEAT	-	-	112	55
OCTOPUS, BAIT	117,300	38,709	-	-
CRABS:				
DUNGENESS:				
WHOLE	41,411	15,322	90,453	27,028
SECTIONS	137,354	43,975	1,306,079	475,633
MEAT	821,621	885,074	105,478	115,002
KING:				
WHOLE	31,225	15,612	4,693,564	1,544,316
SECTIONS	-	-	5,469,337	2,752,097
MEAT	32,360	33,978	10,325,637	11,023,118
TANNER, WHOLE	-	-	217	65
SHRIMP:				
WHOLE	4,725	4,347	1,661,319	1,686,025
SECTIONS	58,528	58,158	-	-
MEAT	326,130	418,237	-	-
TOTAL FROZEN	45,902,457	16,980,230	38,717,811	22,782,716
CURED				
HERRING, ROE, SALTED	54,475	90,199	144,000	241,542
KELP (WITH HERRING ROE), SALTED	547,442	600,011	5,066	5,066
SABLEFISH, SMOKED	1,344	1,061	-	-
SALMON:				
MILD CURED	597,600	580,234	53,480	38,474
PICKLED	-	-	13,475	8,381
SMOKED OR KIPPERED	5,523	8,069	18,389	23,406
EGGS, SALTED (CAVIAR)	1,814,265	1,681,872	1,485,988	1,184,028
TROUT, STEELHEAD, SMOKED	800	960	-	-
TOTAL CURED	3,021,449	2,962,406	1,720,398	1,500,897
CANNED				
HALIBUT, SMOKED	192	273	816	1,400
SALMON:				
CHINOOK OR KING	38,208	25,356	250,464	181,784
CHUM OR KETA	15,031,440	7,441,500	11,548,416	5,720,442
PINK	53,216,736	30,294,076	38,986,464	22,533,203
RED OR SOCKEYE	3,661,392	2,916,850	20,307,408	16,877,884
SILVER OR COHO	3,025,968	1,908,419	2,429,760	1,575,551
TOTAL	74,973,744	42,586,201	73,522,512	46,888,864
SALMON, SMOKED:				
CHINOOK OR KING	4,320	6,854	1,824	3,336
CHUM OR KETA	240	400	240	325
PINK	288	360	-	-
RED OR SOCKEYE	48	105	3,264	5,831
SILVER OR COHO	4,224	6,040	3,888	6,090
TOTAL	9,120	13,759	9,216	15,582
TROUT, STEELHEAD, SMOKED	96	153	-	-
CRABS:				
DUNGENESS	83,480	155,137	25,038	44,786
KING	-	-	7,774,241	11,909,977
SHRIMP	306,690	284,588	974,550	866,268
CLAMS, RAZOR (MINCED)	-	-	2,025	3,220
TOTAL CANNED	75,373,322	43,040,111	82,308,398	59,730,097
INDUSTRIAL PRODUCTS				
HERRING:				
MEAL	1,661,200	160,100	633,470	53,850
OIL	1,440,790	126,370	274,340	23,318
TOTAL INDUSTRIAL PRODUCTS	3,101,990	286,470	907,810	77,168
GRAND TOTAL	128,297,380	63,498,929	125,073,663	84,569,971

(CONTINUED ON NEXT PAGE)

PRODUCTS AS PREPARED FOR MARKET, 1966 - Continued

ITEM	WESTERN ALASKA		TOTAL	
FRESH	POUNDS	VALUE	POUNDS	VALUE
SALMON, DRESSED	408,439	$116,708	2,002,884	$487,521
ARCTIC CHAR, DRESSED.	18,950	9,500	18,950	9,500
TROUT, DRESSED:				
LAKE.	4,660	2,330	4,660	2,330
STEELHEAD	-	-	1,679	561
WHITEFISH, DRESSED.	10,920	5,460	10,920	5,460
NORTHERN PIKE, DRESSED.	8,650	4,325	8,650	4,325
SHEEFISH, DRESSED	12,600	6,300	12,600	6,300
ABALONE, WHOLE.	-	-	4,900	6,125
CLAMS, RAZOR, MEAT.	-	-	3,500	3,000
OYSTERS	-	-	7,157	12,630
CRABS:				
DUNGENESS, WHOLE.	-	-	3,460	1,328
KING, WHOLE	-	-	679,880	292,308
SHRIMP, WHOLE	-	-	22,387	22,040
TOTAL FRESH	464,219	144,623	2,781,627	853,428
FROZEN				
HALIBUT:				
DRESSED	-	-	27,837,984	11,074,810
CHEEKS.	-	-	30,749	11,750
LIVERS.	-	-	3,266	489
BAIT.	-	-	196,503	19,650
HERRING, BAIT	23,844	950	5,263,430	262,072
ROCKFISHES, DRESSED	-	-	40,320	8,064
SABLEFISH, DRESSED.	-	-	1,495,901	355,619
SALMON:				
DRESSED	1,281,843	521,779	24,124,864	9,191,771
VISCERA	-	-	238,623	41,656
BAIT.	-	-	1,387,593	155,318
ROE, BAIT	-	-	60,420	19,933
TROUT, STEELHEAD, DRESSED . . .	197	65	23,649	7,857
CALMS, RAZOR, MEAT.	-	-	112	55
OCTOPUS, BAIT	-	-	117,300	38,709
CRABS:				
DUNGENESS:				
WHOLE	-	-	131,864	42,350
SECTIONS.	-	-	1,443,433	519,608
MEAT.	-	-	927,099	1,000,076
KING:				
WHOLE	1,160,041	580,020	5,884,830	2,139,948
SECTIONS.	123,768	92,830	5,593,105	2,844,927
MEAT.	14,855,782	14,943,179	25,213,779	26,000,275
TANNER, WHOLE	-	-	217	65
SHRIMP:				
WHOLE	-	-	1,666,044	1,690,372
SECTIONS.	-	-	58,528	58,158
MEAT.	-	-	326,130	418,237
TOTAL FROZEN.	17,445,475	16,138,823	102,065,743	55,901,769
CURED				
HERRING, ROE, SALTED.	-	-	198,475	331,741
KELP (WITH HERRING ROE), SALTED	-	-	552,508	605,077
SABLEFISH, SMOKED	-	-	1,344	1,061
SALMON:				
MILD CURED.	571,344	471,919	1,222,424	1,090,627
PICKLED	72,711	58,443	86,186	66,824
SMOKED OR KIPPERED.	700	616	24,612	32,091
EGGS, SALTED (CAVIAR)	181,635	166,802	3,481,888	3,032,702
TROUT, STEELHEAD, SMOKED. . . .	-	-	800	960
TOTAL CURED	826,390	697,780	5,568,237	5,161,083
CANNED				
HALIBUT, SMOKED	-	-	1,008	1,673
SALMON:				
CHINOOK OR KING	1,383,264	1,110,762	1,671,936	1,317,902
CHUM OR KETA.	1,519,584	760,139	28,099,440	13,922,081
PINK.	4,563,408	2,719,281	96,766,608	55,546,560
RED OR SOCKEYE.	35,421,600	26,381,503	59,390,400	46,176,237
SILVER OR COHO.	156,288	99,938	5,612,016	3,583,908
TOTAL	43,044,144	31,071,623	191,540,400	120,546,688
SALMON, SMOKED:				
CHINOOK OR KING	-	-	6,144	10,190
CHUM OR KETA.	-	-	480	725
PINK.	-	-	288	360
RED OR SOCKEYE.	-	-	3,312	5,936
SILVER OR COHO.	-	-	8,112	12,130
TOTAL	-	-	18,336	29,341

(CONTINUED ON NEXT PAGE)

PRODUCTS AS PREPARED FOR MARKET, 1966 - Continued

ITEM	WESTERN ALASKA		TOTAL	
CANNED - CONTINUED	POUNDS	VALUE	POUNDS	VALUE
TROUT, STEELHEAD, SMOKED. . . .	-	-	96	$153
CRABS:				
DUNGENESS	-	-	108,518	199,923
KING.	922,174	$1,180,440	8,696,415	13,090,417
SHRIMP.	-	-	1,281,240	1,150,856
CLAMS, RAZOR (MINCED)	-	-	2,025	3,220
TOTAL CANNED.	43,966,318	32,252,063	201,648,038	135,022,271
INDUSTRIAL PRODUCTS				
HERRING:				
MEAL.	-	-	2,294,670	213,950
OIL	-	-	1,715,130	149,688
TOTAL INDUSTRIAL PRODUCTS	-	-	4,009,800	363,638
GRAND TOTAL	62,702,402	49,233,289	316,073,445	197,302,189

PRODUCTION OF CANNED PRODUCTS, 1966

(IN STANDARD CASES)

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
FISH	CASES	VALUE	CASES	VALUE
HALIBUT, SMOKED	4	$273	17	$1,400
SALMON:				
CHINOOK OR KING	796	25,356	5,218	181,784
CHUM OR KETA.	313,155	7;441,500	240,592	5,720,442
PINK.	1,108,682	30,294,076	812,218	22,533,203
RED OR SOCKEYE.	76,279	2,916,850	423,071	16,877,884
SILVER OR COHO.	63,041	1,908,419	50,620	1,575,551
TOTAL	1,561,953	42,586,201	1,531,719	46,888,864
SALMON, SMOKED:				
CHINOOK OR KING	90	6,854	38	3,336
CHUM OR KETA.	5	400	5	325
PINK.	6	360	-	-
RED OR SOCKEYE.	1	105	68	5,831
SILVER OR COHO.	88	6,040	81	6,090
TOTAL	190	13,759	192	15,582
TROUT, STEELHEAD, SMOKED. . . .	2	153	-	-
SHELLFISH				
CLAMS, RAZOR (MINCED)	-	-	135	3,220
CRABS:				
DUNGENESS	4,281	155,137	1,284	44,786
KING.	-	-	398,679	11,909,977
SHRIMP.	45,436	284,588	144,378	866,268
GRAND TOTAL	1,611,866	43,040,111	2,076,404	59,730,097

ITEM	WESTERN ALASKA		TOTAL	
	CASES	VALUE	CASES	VALUE
HALIBUT, SMOKED	-	-	21	$1,673
SALMON:				
CHINOOK OR KING	28,818	$1,110,762	34,832	1,317,902
CHUM OR KETA.	31,658	760,139	585,405	13,922,081
PINK.	95,071	2,719,281	2,015,971	55,546,560
RED OR SOCKEYE.	737,950	26,381,503	1,237,300	46,176,237
SILVER OR COHO.	3,256	99,938	116,917	3,583,908
TOTAL.	896,753	31,071,623	3,990,425	120,546,688
SALMON, SMOKED:				
CHINOOK OR KING	-	-	128	10,190
CHUM OR KETA.	-	-	10	725
PINK.	-	-	6	360
RED OR SOCKEYE.	-	-	69	5,936
SILVER OR COHO.	-	-	169	12,130
TOTAL.	-	-	382	29,341

(CONTINUED ON NEXT PAGE)

PRODUCTION OF CANNED PRODUCTS, 1966 - Continued

(IN STANDARD CASES)

ITEM	WESTERN ALASKA		TOTAL	
	CASES	VALUE	CASES	VALUE
TROUT, STEELHEAD, SMOKED. . . .	-	-	2	$153
SHELLFISH				
CLAMS, RAZOR (MINCED)	-	-	13[illegible]	3,22[illegible]
CRABS:				
DUNGENESS	-	-	5,565	199,923
KING.	47,2[illegible]1	$1,180,440	445,970	13,090,417
SHRIMP.	-	-	189,814	1,150,856
GRAND TOTAL	944,044	32,252,063	4,632,314	135,022,271

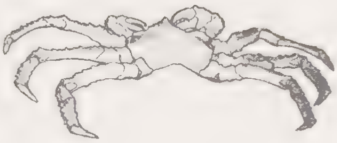
NOTE:--STANDARD CASES REPRESENT THE VARIOUS SIZE PACKS CONVERTED AS FOLLOWS: SALMON, 48 CANS, EACH CONTAINING 16 OUNCES; CLAMS, 48 CANS, EACH CONTAINING 5 OUNCES OF MEATS (DRAINED WEIGHT); CRAB MEAT, 48 CANS, EACH CONTAINING 6-1/2 OUNCES; AND SHRIMP, 24 CANS, EACH CONTAINING 4-1/2 OUNCES OF MEAT (DRAINED WEIGHT).

PRODUCTION OF INDUSTRIAL PRODUCTS, 1966

ITEM		SOUTHEASTERN ALASKA		CENTRAL ALASKA		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HERRING:							
MEAL.	TONS	1,661,200	$160,100	633,470	$53,850	2,294,670	$213,950
OIL	GALLONS	1,440,790	126,370	274,340	23,318	1,715,130	149,688
TOTAL . . .		3,101,990	286,470	907,810	77,168	4,009,800	363,638

KING CRAB LANDINGS, BY MONTHS, 1966 AND 1965

MONTH	1966	1965
	POUNDS	POUNDS
JANUARY.	22,576,704	11,487,743
FEBRUARY	22,192,951	14,777,134
MARCH.	17,396,038	15,309,038
APRIL.	5,227,780	5,578,964
MAY.	930,835	1,195,836
JUNE	954,313	1,407,428
JULY	4,498,822	3,977,565
AUGUST	14,596,989	10,108,208
SEPTEMBER.	21,342,677	15,924,810
OCTOBER.	14,575,400	17,350,329
NOVEMBER	14,956,861	18,869,390
DECEMBER	19,952,358	15,684,267
TOTAL	159,201,728	131,670,712



KING CRAB

PACIFIC COAST FISHERIES

SOUTHEASTERN REGION OF ALASKA
OPERATING UNITS BY GEAR, 1966

ITEM	PURSE SEINES 1/		BEAM TRAWLS	FLOATING TRAPS	POTS		
					CRAB		OCTOPUS
	HERRING	SALMON			DUNGENESS	KING	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	103	2,241	67	-	51	36	-
ON BOATS AND SHORE.	-	125	-	8	20	9	4
TOTAL	103	2,366	67	8	71	45	4
VESSELS, MOTOR.	17	401	17	-	17	12	-
GROSS TONNAGE	875	13,328	425	-	364	489	-
BOATS, MOTOR.	2/ 17	2/ 451	-	-	8	3	2
GEAR:							
NUMBER.	17	426	17	4	6,000	1,500	500
LENGTH YARDS.	8,500	212,500	-	-	-	-	-
YARDS AT MOUTH.	-	-	187	-	-	-	-

ITEM	GILL NETS		LINES		BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	ANCHOR, SET OR STAKE	DRIFT	TROLL	LONG OR SET, AND HAND		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	4	222	1,218	932	-	4,341
ON BOATS AND SHORE.	187	181	1,171	100	400	1,909
TOTAL	191	403	2,389	1,032	400	6,250
VESSELS, MOTOR.	2	111	609	233	-	1,267
GROSS TONNAGE	17	1,211	9,331	7,027	-	28,964
BOATS, MOTOR.	185	181	750	50	200	1,700
GEAR:						
NUMBER.	187	292	5,436	7,200	800	-
LENGTH YARDS.	26,000	139,000	-	-	-	-
SQUARE YARDS.	100,000	750,000	-	-	-	-
HOOKS OR BAITS.	-	-	33,000	634,000	-	-

1/ INCLUDES HAUL SEINES.
2/ INCLUDES SEINE SKIFFS.

SOUTHEASTERN REGION OF ALASKA
LANDINGS OF CATCH BY GEAR, 1966

SPECIES	PURSE SEINES 1/		BEAM TRAWLS		FLOATING TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA.	13,680,000	$205,200	-	-	-	-
ROCKFISHES.	-	-	13,400	$536		-
SALMON:						
CHINOOK OR KING	180,500	39,969	-	-	-	-
CHUM OR KETA.	24,477,300	3,016,016	-	-	60,800	$9,721
PINK.	83,237,800	12,423,150	-	-	2,534,500	405,518
RED OR SOCKEYE.	3,267,500	1,012,730	-	-	304,700	112,450
SILVER OR COHO.	3,978,400	833,275	-	-	140,600	32,333
TOTAL SALMON.	115,141,500	17,325,140	-	-	3,040,600	560,022
STEELHEAD TROUT	1,000	211	-	-	-	-
SHRIMP.	-	-	3,785,000	189,250	-	-
TOTAL	128,822,500	17,530,551	3,798,400	189,786	3,040,600	560,022

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SOUTHEASTERN REGION OF ALASKA
LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	POTS		GILL NETS			
			ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	-	-	24,700	$7,396	191,000	$56,299
CHUM OR KETA	-	-	135,100	17,569	3,431,200	484,425
PINK	-	-	12,900	1,807	3,862,800	574,285
RED OR SOCKEYE	-	-	1,313,200	420,232	2,278,000	733,846
SILVER OR COHO	-	-	602,600	132,577	1,426,800	343,416
TOTAL SALMON	-	-	2,088,500	579,581	11,189,800	2,192,271
STEELHEAD TROUT	-	-	(2)	2	29,200	5,843
CRABS:						
DUNGENESS	2,496,200	$ 299,541	-	-	-	-
KING	105,900	11,649	-	-	-	-
OCTOPUS	123,500	30,868	-	-	-	-
TOTAL	2,725,600	342,058	2,088,500	579,583	11,219,000	2,198,114

SPECIES	LINES				BY HAND	
	TROLL		LONG OR SET, AND HAND			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	24,899,000	$5,833,980	-	-
ROCKFISHES	7,800	$1,170	23,600	3,540	-	-
SABLEFISH	-	-	2,178,000	259,004	-	-
SALMON:						
CHINOOK OR KING	4,287,600	1,925,505	-	-	-	-
CHUM OR KETA	44,800	7,346	-	-	-	-
PINK	279,900	41,675	-	-	-	-
RED OR SOCKEYE	4,600	1,390	-	-	-	-
SILVER OR COHO	4,651,900	1,573,955	-	-	-	-
TOTAL SALMON	9,268,800	3,549,871	-	-	-	-
STEELHEAD TROUT	400	94	-	-	-	-
ABALONE	-	-	-	-	4,900	$5,000
OYSTERS, PACIFIC	-	-	-	-	7,100	7,000
KELP (WITH HERRING EGGS)	-	-	-	-	662,000	496,441
TOTAL	9,277,000	3,551,135	27,100,600	6,096,524	674,000	508,441

1/ INCLUDES HAUL SEINES.
2/ LESS THAN 100 POUNDS.

SALMON GILL NETTER

CENTRAL REGION OF ALASKA
OPERATING UNITS BY GEAR, 1966

ITEM	PURSE SEINES 1/		OTTER TRAWLS, SHRIMP	POTS		
				CRAB		SHRIMP
	HERRING	SALMON		DUNGENESS	KING	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	11	1,818	56	78	698	9
ON BOATS AND SHORE. . . .	-	1,200	16	16	240	-
TOTAL.	11	3,018	72	94	938	9
VESSELS, MOTOR.	2	358	14	32	235	3
GROSS TONNAGE	144	5,477	757	811	14,474	32
BOATS, MOTOR.	2/ 2	2/1,442	4	8	120	-
GEAR:						
NUMBER.	2	900	18	12,000	36,700	150
LENGTH YARDS.	800	326,000	-	-	-	-
YARDS AT MOUTH.	-	-	270	-	-	-

ITEM	GILL NETS		LINES		SHOVELS, CLAM	TOTAL, EXCLUSIVE OF DUPLICATION
	ANCHOR, SET OR STAKE	DRIFT	TROLL	LONG OR SET, AND HAND		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	48	580	10	347	-	3,381
ON BOATS AND SHORE. . . .	776	1,650	-	50	100	3,650
TOTAL.	824	2,230	10	397	100	7,031
VESSELS, MOTOR.	24	290	5	77	-	918
GROSS TONNAGE	356	3,630	79	3,127	-	26,179
BOATS, MOTOR.	776	1,010	-	25	-	3,200
GEAR:						
NUMBER.	800	1,300	20	2,950	100	-
LENGTH YARDS.	184,000	300,000	-	-	-	-
SQUARE YARDS.	670,000	1,280,000	-	-	-	-
HOOKS OR BAITS.	-	-	120	272,000	-	-

1/ INCLUDES HAUL SEINES.
2/ INCLUDES SEINE SKIFFS.

CENTRAL REGION OF ALASKA
LANDINGS OF CATCH BY GEAR, 1966

SPECIES	PURSE SEINES 1/		OTTER TRAWLS, SHRIMP		POTS	
					CRAB	
					DUNGENESS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA.	5,551,900	$83,277	-	-	-	-
SALMON:						
CHINOOK OR KING	25,400	6,755	-	-	-	-
CHUM OR KETA.	14,029,800	1,326,364	-	-	-	-
PINK.	54,370,200	6,544,054	-	-	-	-
RED OR SOCKEYE.	6,285,000	1,392,263	-	-	-	-
SILVER OR COHO.	918,700	135,186	-	-	-	-
TOTAL SALMON	75,629,100	9,404,622	-	-	-	-
CRABS, DUNGENESS.	-	-	-	-	2,557,300	$306,878
SHRIMP.	-	-	24,383,100	$1,097,240	-	-
TOTAL.	81,181,000	9,487,899	24,383,100	1,097,240	2,557,300	306,878

SPECIES	POTS - CONTINUED					
	CRAB - CONTINUED				SHRIMP	
	KING		TANNER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS:						
KING.	117,305,100	$11,730,509	-	-	-	-
TANNER.	-	-	200	$11	-	-
SHRIMP.	-	-	-	-	24,500	$1,103
TOTAL.	117,305,100	11,730,509	200	11	24,500	1,103

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

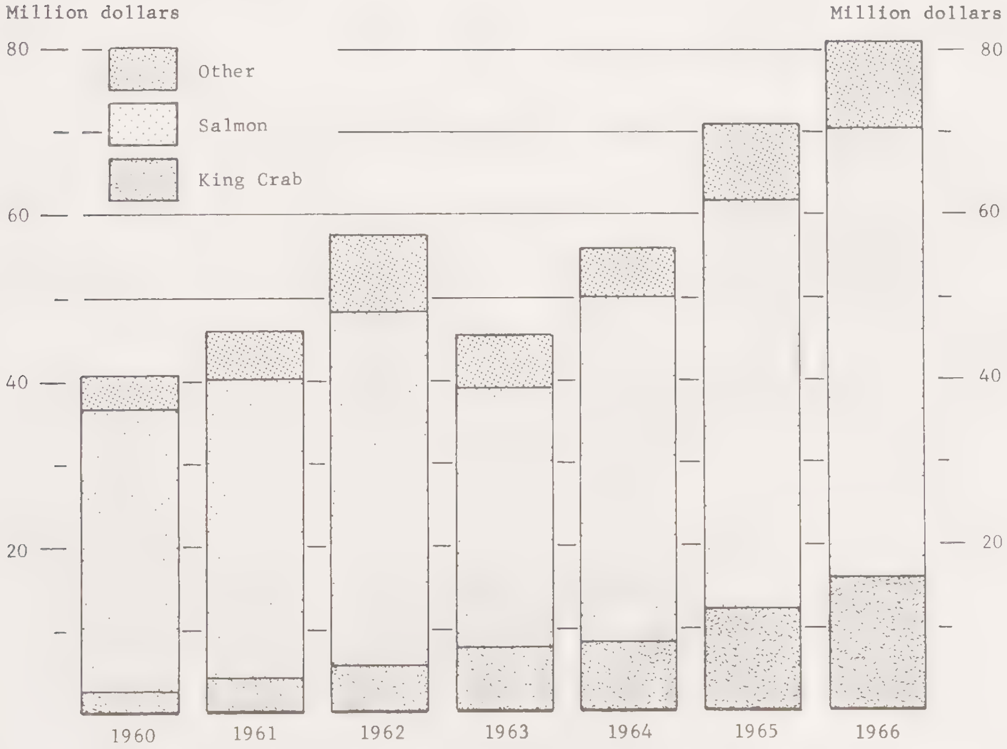
CENTRAL REGION OF ALASKA
LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	GILL NETS				LINES	
	ANCHOR SET OR STAKE		DRIFT		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	213,500	$57,008	305,400	$70,877	11,400	$2,613
CHUM OR KETA.	1,459,500	135,864	4,004,500	358,356	100	6
PINK.	8,328,600	989,795	2,199,600	261,994	800	99
RED OR SOCKEYE.	5,792,700	1,446,639	15,219,100	3,869,609	-	-
SILVER OR COHO.	1,387,300	224,242	2,065,600	336,357	27,600	4,512
TOTAL.	17,181,600	2,853,548	23,794,200	4,897,193	39,900	7,230

SPECIES	LINES - CONTINUED		SHOVELS	
	LONG OR SET, AND HAND			
	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	8,455,000	$1,981,020	-	-
SABLEFISH	133,300	13,987	-	-
CLAM MEATS, RAZOR	-	-	28,600	$8,800
TOTAL.	8,588,300	1,995,007	28,600	8,800

1/ INCLUDES HAUL SEINES.

VALUE OF ALASKA LANDINGS, 1960-66



WESTERN REGION OF ALASKA - OPERATING UNITS BY GEAR, 1966

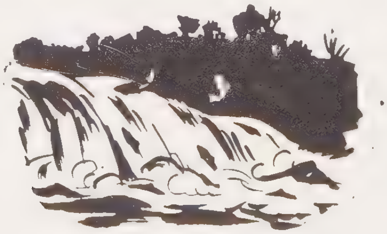
ITEM	PURSE SEINES, SALMON 1/	POTS, CRAB, KING	GILL NETS		FISH WHEELS	TOTAL, EXCLUSIVE OF DUPLICATION
			ANCHOR, SET OR STAKE	DRIFT		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	90	170	4	390	-	652
ON BOATS AND SHORE. . . .	300	36	2,040	3,610	11	5,900
TOTAL.	390	206	2,044	4,000	11	6,552
VESSELS, MOTOR.	15	45	2	195	-	256
GROSS TONNAGE	452	5,145	59	1,629	-	7,275
BOATS, MOTOR.	2/ 75	12	1,561	2,385	-	4,000
GEAR:						
NUMBER.	45	4,800	1,640	2,580	11	-
LENGTH, YARDS	18,000	-	284,000	700,000	-	-
SQUARE YARDS.	-	-	1,012,000	2,425,000	-	-

1/ INCLUDES HAUL SEINES.
2/ INCLUDES SEINE SKIFFS.

WESTERN REGION OF ALASKA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	PURSE SEINES 1/		POTS		GILL NETS				FISH WHEELS	
					ANCHOR, SET OR STAKE		DRIFT			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ARCTIC CHAR .	-	-	-	-	25,300	$5,000	-	-	-	-
HERRING, SEA.	-	-	-	-	23,800	358	-	-	-	-
LAKE TROUT. .	-	-	-	-	6,200	1,240	-	-	-	-
PIKE OR PICKEREL . .	-	-	-	-	11,500	2,302	-	-	-	-
SALMON:										
CHINOOK OR KING . . .	41,200	$16,201	-	-	1,434,300	289,786	2,593,300	$467,800	41,800	$8,449
CHUM OR KETA.	435,100	34,281	-	-	1,830,600	142,754	2,320,800	185,530	-	-
PINK. . . .	278,000	25,415	-	-	866,100	91,346	6,894,800	733,946	-	-
RED OR SOCKEYE. .	58,400	10,618	-	-	6,550,000	1,207,030	51,693,500	9,529,859	-	-
SILVER OR COHO . . .	44,000	4,075	-	-	420,200	37,309	449,200	48,077	-	-
TOTAL SALMON	856,700	90,590	-	-	11,101,200	1,768,225	63,951,600	10,965,212	41,800	8,449
SHEEFISH. . .	-	-	-	-	16,800	3,360	-	-	-	-
STEELHEAD TROUT. . . .	-	-	-	-	-	-	-	-	200	46
WHITEFISH . .	-	-	-	-	14,600	2,918	-	-	-	-
CRABS, KING .	-	-	41,790,700	$3,928,327	-	-	-	-	-	-
GRAND TOTAL.	856,700	90,590	41,790,700	3,928,327	11,199,400	1,783,403	63,951,600	10,965,212	42,000	8,495

1/ INCLUDES HAUL SEINES.



PACIFIC COAST FISHERIES

ALASKA

NUMBER OF SALMON LANDED, BY REGIONS, 1966

SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE
CHINOOK OR KING.	308,144	$2,029,169	24,307	$137,253	207,507	$782,236	539,958	$2,948,658
CHUM OR KETA	3,273,157	3,535,077	2,574,486	1,820,590	608,723	362,565	6,456,366	5,718,232
PINK	20,438,170	13,446,435	17,027,627	7,795,942	2,585,499	850,707	40,051,296	22,093,084
RED OR SOCKEYE	1,054,119	2,280,648	4,457,515	6,708,511	9,561,634	10,747,507	15,073,268	19,736,666
SILVER OR COHO	1,227,305	2,915,556	574,027	700,297	119,236	89,461	1,920,568	3,705,314
TOTAL	26,300,895	24,206,885	24,657,962	17,162,593	13,082,599	12,832,476	64,041,456	54,201,954

NOTE:--SALMON LANDINGS ARE REPORTED IN NUMBERS OF FISH. THE ROUND WEIGHTS USED IN LANDINGS TABLES WERE OBTAINED BY MULTIPLYING NUMBER OF FISH BY THEIR AVERAGE WEIGHT.

AVERAGE WEIGHTS OF SALMON, BY REGIONS, 1966, 1965, AND 1964

SPECIES	1966			ALL REGIONS		
	SOUTHEASTERN	CENTRAL	WESTERN	1966	1965	1964
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
CHINOOK OR KING.	15.2	15.5	20.3	17.0	18.9	18.1
CHUM OR KETA	8.6	7.6	7.8	8.0	8.7	8.6
PINK	4.4	4.5	2.8	3.9	3.7	3.6
RED OR SOCKEYE	6.8	6.2	6.4	6.5	4.7	5.4
SILVER OR COHO	8.8	8.2	7.0	8.0	8.8	8.2

WHOLESALING AND PROCESSING, 1966

ITEM	SOUTHEASTERN ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING, PERSONS ENGAGED.	2,600	3,762	2,879	9,198
ESTABLISHMENTS:				
HANDLING FRESH AND FROZEN FISH AND SHELLFISH . . .	32	39	30	99
CURING FISH.	38	31	19	88
CANNING FISH AND SHELLFISH	26	44	24	93
MANUFACTURING INDUSTRIAL PRODUCTS	1	1	-	2
TOTAL ESTABLISHMENTS, (EXCLUSIVE OF DUPLICATION)	74	90	61	222

PACIFIC COAST FISHERIES

WASHINGTON

LANDINGS BY DISTRICTS, 1966

SPECIES	PUGET SOUND		COASTAL		COLUMBIA RIVER	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	-	-	-	-	425,400	$2,107
COD	9,219,400	$479,411	127,200	$6,296	-	-
FLOUNDERS:						
"SOLE"	9,337,400	731,465	781,400	67,237	-	-
OTHER	465,500	24,648	17,700	903	11,200	181
HAKE	8,032,200	83,167	3,667,300	29,339	-	-
HALIBUT	6,810,100	1,850,348	14,800	3,170	700	159
HERRING, SEA	4,514,900	255,638	-	-	-	-
LINGCOD	5,863,500	315,923	235,700	11,897	9,100	371
OCEAN PERCH	17,322,100	900,782	2,600	140	-	-
PERCH	182,700	21,133	500	41	-	-
POLLOCK	266,800	4,010	-	-	-	-
RATFISH	1,339,800	12,234	-	-	-	-
ROCKFISHES	8,899,100	461,380	595,900	28,275	80,800	1,597
SABLEFISH	1,007,000	124,850	11,800	912	-	-
SALMON:						
CHINOOK OR KING	2,743,200	1,093,838	1,835,900	714,867	1,328,100	469,314
CHUM OR KETA	4,007,400	917,622	258,300	36,540	3,800	518
PINK	63,900	14,544	82,200	15,312	-	-
RED OR SOCKEYE	9,012,500	3,075,127	213,200	111,656	11,800	4,708
SILVER OR COHO	6,155,400	1,933,559	4,379,000	1,377,403	2,272,100	675,609
TOTAL SALMON	21,982,400	7,034,690	6,768,600	2,255,778	3,615,800	1,150,149
SHAD	300	13	700	39	352,400	16,479
SHARKS:						
GRAYFISH	1,671,900	12,788	-	-	-	-
SOUPFIN	15,800	136	-	-	-	-
TOTAL SHARKS	1,687,700	12,924	-	-	-	-
SKATES	500,400	5,679	-	-	-	-
SMELT:						
EULACHON	-	-	-	-	498,500	60,324
SURF OR SILVER	77,400	10,041	271,200	22,469	-	-
STEELHEAD TROUT	46,000	11,500	108,300	27,084	46,200	13,000
STURGEON, COMMON	12,800	929	136,900	10,209	83,200	8,791
TOMCOD	306,600	4,516	-	-	-	-
TUNA, ALBACORE	88,300	16,078	261,100	46,801	752,000	142,600
TOTAL FISH	97,962,400	12,361,359	13,001,700	2,510,590	5,875,300	1,395,758
SHELLFISH, ETC.						
CRABS, DUNGENESS 1/	972,200	137,561	9,708,800	1,376,968	1,064,200	147,382
SHRIMP:						
BAY	50,100	26,706	-	-	-	-
OCEAN	-	-	282,600	22,604	-	-
CLAMS:						
HARD: 2						
BUTTER	34,800	8,092	-	-	-	-
LITTLE NECK	163,500	83,043	-	-	-	-
MANILA	124,700	64,824	14,300	7,754	-	-
RAZOR 3/	-	-	169,600	103,765	-	-
TOTAL CLAMS	323,000	155,959	183,900	111,519	-	-
OCTOPUS	23,500	2,910	400	19	-	-
OYSTERS, MARKET:						
PACIFIC 4	2,601,700	885,000	4,133,800	1,420,000	-	-
WESTERN 5/	34,800	104,450	-	-	-	-
TOTAL OYSTERS	2,636,500	989,450	4,133,800	1,420,000	-	-
TOTAL SHELLFISH, ETC.	4,005,300	1,312,586	14,309,500	2,931,110	1,064,200	147,382
GRAND TOTAL	101,967,700	13,673,945	27,311,200	5,441,700	6,939,500	1,543,140

1/ CRABS AVERAGED 22 POUNDS PER DOZEN IN THE PUGET SOUND DISTRICT AND 24 POUNDS PER DOZEN IN THE COASTAL AND COLUMBIA RIVER DISTRICTS.

2/ BASED ON A YIELD OF 25 PERCENT MEATS.

3/ BASED ON A YIELD OF 42 PERCENT MEATS.

4/ BASED ON A YIELD OF 10 PERCENT MEATS IN THE PUGET SOUND DISTRICT AND 12 PERCENT MEATS IN THE COASTAL DISTRICT.

5/ BASED ON A YIELD OF 18 PERCENT MEATS.

PACIFIC COAST FISHERIES

PUGET SOUND DISTRICT OF WASHINGTON

OPERATING UNITS, 1966

ITEM	HAUL SEINES, 1	PURSE SEINES		BEAM TRAWLS	OTTER TRAWLS, COMMON	MID-WATER TRAWLS	BRUSH WEIRS
		HERRING	SALMON				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	33	36	1,547	2	361	21	-
ON BOATS AND SHORE. . .	168	-	-	-	-	-	4
TOTAL.	201	36	1,547	2	361	21	4
VESSELS, MOTOR.	11	5	225	1	100	7	-
GROSS TONNAGE	111	216	8,367	12	4,788	524	-
BOATS:							
MOTOR	50	5	225	-	-	-	1
OTHER	17	-	-	-	-	-	-
GEAR:							
NUMBER.	78	5	225	1	100	7	1
LENGTH, YARDS	6,075	2,125	120,735	-	-	-	-
YARDS AT MOUTH.	-	-	-	8	2,155	221	-

ITEM	POUND NETS 2/	POTS			GILL NETS		
					ANCHOR, SET OR STAKE		DRIFT SALMON
		CRAB	OCTOPUS	SHRIMP	SALMON 2	SHARK	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	62	-	-	-	1	262
ON BOATS AND SHORE. . .	8	73	2	5	185	1	675
TOTAL.	8	135	2	5	185	2	937
VESSELS, MOTOR.	-	32	-	-	-	1	211
GROSS TONNAGE	-	798	-	-	-	17	2,231
BOATS:							
MOTOR	2	51	1	4	153	-	612
OTHER	-	1	-	1	30	1	-
GEAR:							
NUMBER.	2	6,300	100	125	183	2	823
SQUARE YARDS.	-	-	-	-	46,000	3,000	5,010,000

ITEM	LINES					DIP NETS	REEF NETS
	HAND	TROLL			LONG OR SET WITH HOOKS		
		SALMON	ALBACORE	LINGCOD			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	348	65	9	360	12	-
ON BOATS AND SHORE. . .	26	405	-	11	3	14	208
TOTAL.	26	753	65	20	363	26	208
VESSELS, MOTOR.	-	246	25	9	63	4	-
GROSS TONNAGE	-	3,951	895	97	3,015	32	-
BOATS:							
MOTOR	26	337	-	11	2	6	-
OTHER	-	-	-	-	-	-	104
GEAR:							
NUMBER.	52	2,556	255	40	2,702	26	52
HOOKS OR BAITS.	104	11,228	255	80	261,840	-	-

ITEM	DREDGES			SHOVELS	BY HAND, OYSTER	TOTAL EXCLUSIVE OF DUPLICATION
		OYSTER				
	CLAM	COMMON	SUCTION			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	2	20	1	-	-	2,822
ON BOATS AND SHORE. . .	2	8	-	180	125	2,048
TOTAL.	4	28	1	180	125	4,870
VESSELS, MOTOR.	1	7	1	-	-	836
GROSS TONNAGE	10	134	41	-	-	21,609
BOATS:						
MOTOR	1	4	-	-	30	1,481
OTHER	-	-	-	-	15	169
GEAR:						
NUMBER.	2	22	1	180	-	-
YARDS AT MOUTH.	2	44	-	-	-	-

1 INCLUDES 16 HAUL SEINES OPERATED ON INDIAN RESERVATIONS.

2/ FISHED ON INDIAN RESERVATIONS.

PUGET SOUND DISTRICT OF WASHINGTON
LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES COMMON 1/		PURSE SEINES			
			HERRING		SALMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
"SOLE"	200	$8	-	-	-	-
OTHER	200	8	-	-	-	-
HERRING, SEA	429,100	94,755	3,974,400	$140,040	-	-
LINGCOD	-	-	-	-	800	$75
PERCH	179,600	20,842	-	-	-	-
ROCKFISHES	2,100	106	-	-	-	-
SALMON:						
CHINOOK	53,800	21,158	-	-	711,700	245,521
CHUM OR KETA	24,700	5,306	-	-	2,049,100	488,180
PINK	-	-	-	-	1,500	194
RED OR SOCKEYE	-	-	-	-	5,326,400	1,763,045
SILVER OR COHO	50,800	15,402	-	-	1,626,400	491,170
SMELT, SURF OR SILVER	77,400	10,041	-	-	-	-
STURGEON, COMMON	-	-	-	-	200	24
TOTAL	817,900	167,626	3,974,400	140,040	9,716,100	2,988,209

SPECIES	BEAM TRAWLS, SHRIMP		OTTER TRAWLS, FISH		MID-WATER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	9,219,200	$479,400	-	-
FLOUNDERS:						
"SOLE"	-	-	9,337,100	731,446	-	-
OTHER	-	-	465,300	24,640	-	-
HAKE	-	-	384,500	5,345	7,647,700	$77,822
LINGCOD	-	-	5,485,200	280,884	-	-
OCEAN PERCH	-	-	17,322,100	900,782	-	-
PERCH	-	-	3,100	291	-	-
POLLOCK	-	-	266,800	4,010	-	-
RATFISH	-	-	1,339,800	12,234	-	-
ROCKFISHES	-	-	8,814,600	457,801	-	-
SABLEFISH	-	-	308,400	20,860	-	-
SHAD	-	-	300	13	-	-
SHARKS:						
GRAYFISH	-	-	1,670,400	12,776	-	-
OTHER	-	-	15,800	136	-	-
SKATES	-	-	500,400	5,679	-	-
STURGEON, COMMON	-	-	12,400	885	-	-
SHRIMP, BAY	8,300	$2,903	-	-	-	-
TOMCOD	-	-	306,600	4,516	-	-
OCTOPUS	-	-	15,600	1,623	-	-
TOTAL	8,300	2,903	55,467,600	2,943,321	7,647,700	77,822

SPECIES	BRUSH WEIRS		POUND NETS, FISH 2/		POTS	
					CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA	51,800	$9,570	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	46,600	$20,055	-	-
CHUM OR KETA	-	-	9,200	2,020	-	-
RED OR SOCKEYE	-	-	300	100	-	-
SILVER OR COHO	-	-	46,100	13,370	-	-
CRABS, DUNGENESS 3/	-	-	-	-	972,200	$137,561
TOTAL	51,800	9,570	102,200	35,545	972,200	137,561

SPECIES	POTS - CONTINUED				GILL NETS	
	OCTOPUS		SHRIMP		ANCHOR, SET OR STAKE 2/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	-	-	-	-	484,700	$170,631
CHUM OR KETA	-	-	-	-	402,000	65,930
PINK	-	-	-	-	100	13
RED OR SOCKEYE	-	-	-	-	300	100
SILVER OR COHO	-	-	-	-	513,800	145,909
SHARKS, GRAYFISH	-	-	-	-	1,500	12
STEELHEAD TROUT	-	-	-	-	46,000	11,500
SHRIMP, BAY	-	-	41,800	$23,803	-	-
OCTOPUS	7,900	$1,287	-	-	-	-
TOTAL	7,900	1,287	41,800	23,803	1,448,400	394,095

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PUGET SOUND DISTRICT OF WASHINGTON

LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	GILL NETS - CONTINUED		LINES			
	DRIFT, SALMON		HAND		TROLL	
					SALMON	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	100	$5	-	-	100	$6
HALIBUT	-	-	-	-	143,600	36,059
LINGCOD	2,300	205	100,900	$10,866	155,800	11,320
ROCKFISHES	-	-	23,500	1,264	21,100	697
SABLEFISH	-	-	-	-	1,300	130
SALMON:						
CHINOOK OR KING	718,000	282,874	-	-	708,800	346,513
CHUM OR KETA	1,519,500	355,573	-	-	600	155
PINK	2,100	296	-	-	60,200	14,041
RED OR SOCKEYE	3,292,600	1,182,042	-	-	3,000	1,176
SILVER OR COHO	2,543,800	801,945	-	-	1,297,500	443,594
STURGEON, COMMON	200	20	-	-	-	-
TOTAL	8,078,600	2,622,960	124,400	12,130	2,392,000	853,691

SPECIES	LINES - CONTINUED					
	TROLL - CONTINUED				LONG OR SET WITH HOOKS	
	TUNA		OTHER			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, "SOLE"	-	-	-	-	100	$11
HALIBUT	-	-	-	-	6,666,500	1,814,289
LINGCOD	-	-	105,700	$11,901	12,800	672
ROCKFISHES	-	-	900	56	36,900	1,456
SABLEFISH	-	-			697,300	103,860
TUNA, ALBACORE	88,300	$16,078	-	-	-	-
TOTAL	88,300	16,078	106,600	11,957	7,413,600	1,920,288

SPECIES	DIP NETS, COMMON		REEF NETS		DREDGES	
					CLAM	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA	59,600	$11,273	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	19,600	$7,086	-	-
CHUM OR KETA	-	-	2,300	458	-	-
RED OR SOCKEYE	-	-	389,900	128,664	-	-
SILVER OR COHO	-	-	77,000	22,169	-	-
CLAMS:						
HARD: 4/						
BUTTER	-	-	-	-	26,700	$5,667
LITTLE NECK	-	-	-	-	2,500	513
TOTAL	59,600	11,273	488,800	158,377	29,200	6,180

SPECIES	DREDGES - CONTINUED		SHOVELS	
	OYSTER AND BY HAND			
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
HARD: 4/				
BUTTER	-	-	8,100	$2,425
LITTLE NECK	-	-	161,000	82,530
MANILA	-	-	124,700	64,824
OYSTERS, MARKET: 5/				
PACIFIC	2,601,700	$885,000	-	-
WESTERN	34,800	104,450	-	-
TOTAL	2,636,500	989,450	293,800	149,779

1/ THE SALMON CAUGHT BY HAUL SEINES WERE TAKEN ON INDIAN RESERVATIONS.

2/ FISHED ONLY ON INDIAN RESERVATIONS.

3/ BASED ON AN AVERAGE YIELD OF 22 POUNDS PER DOZEN.

4/ BASED ON A YIELD OF 25 PERCENT MEATS.

5/ BASED ON A YIELD OF 10 PERCENT MEATS FOR PACIFIC OYSTERS AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS.

NOTE:--THE POUNDAGE AND VALUE OF LANDINGS SHOWN ABOVE INCLUDE 10,545 POUNDS OF HALIBUT LIVERS VALUED AT $1,278 AND 8,511 POUNDS OF LINGCOD LIVERS VALUED AT $1,140.

COASTAL DISTRICT OF WASHINGTON - OPERATING UNITS, 1966

ITEM	HAUL SEINES, COMMON 1/	OTTER TRAWLS		MID-WATER TRAWLS	POTS, CRAB
		FISH	SHRIMP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	36	6	13	139
ON BOATS AND SHORE.	24	-	-	-	32
TOTAL	24	36	6	13	171
VESSELS, MOTOR.	-	10	2	4	54
GROSS TONNAGE	-	566	75	490	1,548
BOATS:					
MOTOR	6	-	-	-	18
OTHER	4	-	-	-	-
GEAR:					
NUMBER.	6	10	2	4	15,625
LENGTH, YARDS	600	-	-	-	-
YARDS AT MOUTH.	-	218	38	176	-

ITEM	GILL NETS		LINES			
	ANCHOR, SET OR STAKE 1/	DRIFT	HAND	TROLL		
				SALMON	ALBACORE	LINGCOD
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	14	-	583	114	1
ON BOATS AND SHORE.	135	186	4	430	-	1
TOTAL	135	200	4	1,013	114	2
VESSELS, MOTOR.	-	11	-	401	54	1
GROSS TONNAGE	-	99	-	6,011	1,388	15
BOATS:						
MOTOR	110	162	-	359	-	1
OTHER	15	14	2	-	-	-
GEAR:						
NUMBER.	125	187	4	3,610	498	4
SQUARE YARDS.	28,125	382,250	-	-	-	-
HOOKS OR BAITS.	-	-	4	16,730	498	8

ITEM	DIP NETS, COMMON 1/	DREDGES, OYSTER		SHOVELS, CLAM	BY HAND, OYSTER	TOTAL, EX-CLUSIVE OF DUPLICATION
		COMMON	SUCTION			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	52	1	-	-	809
ON BOATS AND SHORE.	14	6	-	1,643	135	2,580
TOTAL	14	58	1	1,643	135	3,389
VESSELS, MOTOR.	-	19	1	-	-	483
GROSS TONNAGE	-	426	24	-	-	8,632
BOATS:						
MOTOR	4	3	-	-	-	641
OTHER	1	-	-	-	-	36
GEAR:						
NUMBER.	14	44	1	1,643	-	-
YARDS AT MOUTH.	-	88	-	-	-	-

1/ OPERATED ON INDIAN RESERVATIONS.

PACIFIC COAST FISHERIES

COASTAL DISTRICT OF WASHINGTON LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS	
			FISH	
	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	126,400	$6,269
FLOUNDERS:				
"SOLE"	-	-	780,500	67,176
OTHER	-	-	17,700	903
LINGCOD	-	-	104,700	5,316
OCEAN PERCH	-	-	2,000	111
PERCH	100	$4	-	-
ROCKFISHES	-	-	455,600	23,905
SABLEFISH	-	-	10,500	822
SMELT, SURF OR SILVER	263,100	21,701	-	-
STURGEON, COMMON	-	-	900	52
OCTOPUS	-	-	400	19
TOTAL	263,200	21,705	1,498,700	104,573

SPECIES	OTTER TRAWLS - CONTINUED		MID-WATER TRAWLS		POTS, CRAB	
	SHRIMP					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, "SOLE"	900	$61	-	-	-	-
HAKE	-	-	3,667,300	$29,339	-	-
LINGCOD	5,100	256	-	-	-	-
OCEAN PERCH	600	29	-	-	-	-
ROCKFISHES	6,800	339	-	-	-	-
SABLEFISH	1,200	76	-	-	-	-
CRABS, DUNGENESS 2/	-	-	-	-	9,708,800	$1,376,968
SHRIMP, OCEAN	282,600	22,604	-	-	-	-
TOTAL	297,200	23,365	3,667,300	29,339	9,708,800	1,376,968

SPECIES	GILL NETS 1/				LINES	
	ANCHOR, SET OR STAKE		DRIFT, SALMON		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PERCH	-	-	-	-	400	$37
SALMON:						
CHINOOK OR KING	570,600	$168,901	300,300	$100,575	-	-
CHUM OR KETA	43,400	5,648	214,500	30,816	-	-
RED OR SOCKEYE	212,900	111,548	-	-	-	-
SILVER OR COHO	365,700	99,838	460,400	135,771	-	-
SHAD	700	39	-	-	-	-
STEELHEAD TROUT	108,300	27,084	-	-	-	-
STURGEON, COMMON	300	14	135,700	10,143	-	-
TOTAL	1,301,900	413,072	1,110,900	277,305	400	37

SPECIES	LINES - CONTINUED					
	TROLL					
	SALMON		TUNA		OTHER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	800	$27	-	-	-	-
HALIBUT	14,800	3,170	-	-	-	-
LINGCOD	121,800	5,897	-	-	4,100	$428
ROCKFISHES	133,300	4,020	-	-	200	11
SABLEFISH	100	14	-	-	-	-
SALMON:						
CHINOOK OR KING	965,000	445,391	-	-	-	-
CHUM OR KETA	400	76	-	-	-	-
PINK	82,200	15,312	-	-	-	-
RED OR SOCKEYE	300	108	-	-	-	-
SILVER OR COHO	3,552,900	1,141,794	-	-	-	-
TUNA, ALBACORE	-	-	261,100	$46,801	-	-
TOTAL	4,871,600	1,615,809	261,100	46,801	4,300	439

SPECIES	DIP NETS, COMMON		DREDGES, OYSTER AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SMELT, SURF OR SILVER	8,100	$768	-	-	-	-
CLAMS:						
HARD, MANILA 3/	-	-	-	-	14,300	$7,754
RAZOR 4/	-	-	-	-	169,600	103,765
OYSTERS, MARKET, PACIFIC 5/	-	-	4,133,800	$1,420,000	-	-
TOTAL	8,100	768	4,133,800	1,420,000	183,900	111,519

1/ FISHED ONLY ON INDIAN RESERVATIONS.
2/ BASED ON AN AVERAGE YIELD OF 24 POUNDS PER DOZEN.
3/ BASED ON A YIELD OF 25 PERCENT MEATS.
4/ BASED ON A YIELD OF 42 PERCENT EDIBLE MEATS.
5/ BASED ON A YIELD OF 12 PERCENT MEATS.

COLUMBIA RIVER DISTRICT OF WASHINGTON OPERATING UNITS, 1966

ITEM	HAUL SEINES, COMMON	POTS, CRAB	GILL NETS		
			ANCHOR, SET OR STAKE 1/	DRIFT	
				SALMON	SMELT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	17	-	7	-
ON BOATS AND SHORE.	6	8	15	225	20
TOTAL	6	25	15	232	20
VESSELS, MOTOR.	-	7	-	6	-
GROSS TONNAGE	-	133	-	54	-
BOATS:					
MOTOR	2	4	10	212	20
OTHER	-	-	3	-	-
GEAR:					
NUMBER.	2	1,650	15	218	20
LENGTH, YARDS	200	-	-	-	-
SQUARE YARDS.	-	-	5,000	668,000	18,000

ITEM	LINES, TROLL		DIP NETS 2/	TOTAL, EXCLUSIVE OF DUPLICATION
	SALMON	ALBACORE		
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	247	127	-	287
ON BOATS AND SHORE.	340	12	83	669
TOTAL	587	139	83	956
VESSELS, MOTOR.	165	70	-	180
GROSS TONNAGE	2,349	1,130	-	2,634
BOATS:				
MOTOR	283	8	21	530
OTHER	-	-	-	3
GEAR:				
NUMBER.	2,000	652	83	-
HOOKS OR BAITS.	8,820	652	-	-

1/ OPERATED BY INDIANS.

2/ INCLUDES 40 DIP NETS OPERATED BY INDIANS.

COLUMBIA RIVER DISTRICT OF WASHINGTON LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		POTS, CRAB	
	POUNDS	VALUE	POUNDS	VALUE
CARP.	425,400	$2,107	-	-
CRABS, DUNGENESS 2/	-	-	1,064,200	$147,382
TOTAL	425,400	2,107	1,064,200	147,382

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE 1/		DRIFT			
			SALMON		SMELT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, OTHER.	-	-	11,200	$181	-	-
SALMON:						
CHINOOK OR KING	117,300	$24,758	774,000	272,454	-	-
CHUM OR KETA.	-	-	3,800	518	-	-
RED OR SOCKEYE.	11,800	4,708	-	-	-	-
SILVER OR COHO.	50,800	9,645	827,200	216,625	-	-
SHAD.	600	31	351,800	16,448	-	-
SMELT, EULACHON	-	-	-	-	182,400	$29,420
STEELHEAD TROUT	1,200	300	45,000	12,700	-	-
STURGEON, COMMON.	100	22	83,100	8,769	-	-
TOTAL	181,800	39,464	2,096,100	527,695	182,400	29,420

SEE FOOTNOTES AT END OF TABLE.

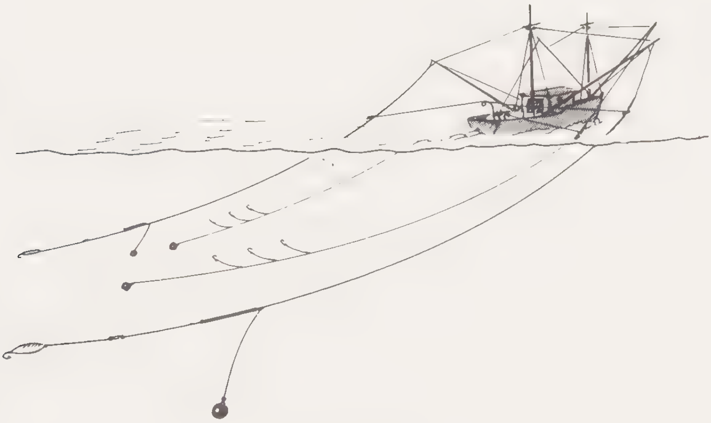
(CONTINUED ON NEXT PAGE)

COLUMBIA RIVER DISTRICT OF WASHINGTON LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	LINES, TROLL				DIP NETS, COMMON	
	SALMON		TUNA			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	700	$159	-	-	-	-
LINGCOD	9,100	371	-	-	-	-
ROCKFISHES	80,800	1,597	-	-	-	-
SALMON:						
CHINOOK OR KING	361,900	157,116	-	-	74,900	$14,986
SILVER OR COHO	1,391,100	448,614	-	-	3,000	725
SMELT, EULACHON	-	-	-	-	316,100	30,904
TUNA, ALBACORE	-	-	752,000	$142,600	-	-
TOTAL	1,843,600	607,857	752,000	142,600	394,000	46,615

1/ FISHED ONLY ON INDIAN RESERVATIONS.

2/ BASED ON AN AVERAGE OF 24 POUNDS PER DOZEN.



SALMON TROLL LINE

PACIFIC COAST FISHERIES

OREGON

LANDINGS BY DISTRICTS, 1966

SPECIES	COLUMBIA RIVER		COASTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE
COD	619,100	$30,925	16,500	$700
FLOUNDERS:				
"SOLE"	8,266,100	585,736	5,188,600	328,425
OTHER	388,000	13,765	276,600	12,410
HAKE	65,200	600	-	-
HALIBUT	15,100	4,180	129,900	35,320
HERRING, SEA	-	-	93,600	23,411
LINGCOD	762,800	38,072	287,700	13,126
OCEAN PERCH	2,832,900	130,313	1,706,200	73,262
ROCKFISHES	3,444,300	158,195	2,399,300	97,786
SABLEFISH	38,600	2,425	346,300	36,619
SALMON:				
CHINOOK OR KING	2,925,400	1,005,438	736,200	338,668
CHUM OR KETA	7,300	660	-	-
PINK	-	-	4,400	800
RED OR SOCKEYE	6,800	2,435	-	-
SILVER OR COHO	4,524,900	1,256,377	4,168,500	1,371,433
TOTAL SALMON	7,464,400	2,264,910	4,909,100	1,710,901
SHAD	443,200	23,265	550,300	63,281
SKATES	12,200	305	151,000	3,776
SMELT, EULACHON	241,900	38,697	-	-
STEELHEAD TROUT	349,400	100,831	-	-
STRIPED BASS	-	-	48,300	4,828
STURGEON, COMMON	185,100	20,534	6,300	326
TUNA:				
ALBACORE	11,253,200	2,132,484	6,429,000	1,131,505
BLUEFIN	358,400	61,285	-	-
TOTAL TUNA	11,611,600	2,193,769	6,429,000	1,131,505
TOTAL FISH	36,739,900	5,606,522	22,538,700	3,535,676
SHELLFISH, ETC.				
CRABS, DUNGENESS 1/	2,644,200	347,925	7,900,000	1,053,378
CRAWFISH, FRESH-WATER	2,000	800	-	-
SHRIMP, OCEAN	102,200	8,500	4,582,300	475,568
CLAMS:				
RAZOR 2/	-	-	34,800	24,500
MIXED 3/	-	-	9,900	7,500
TOTAL CLAMS	-	-	44,700	32,000
OCTOPUS	-	-	100	5
OYSTERS, MARKET, PACIFIC 4/	-	-	250,100	106,600
TOTAL SHELLFISH, ETC.	2,748,400	357,225	12,777,200	1,667,551
GRAND TOTAL	39,488,300	5,963,747	35,315,900	5,203,227

1/ BASED ON AN AVERAGE YIELD OF 25 POUNDS PER DOZEN.
2/ BASED ON A YIELD OF 42 PER CENT MEATS.
3/ PRINCIPALLY EASTERN SOFT CLAMS. BASED ON A YIELD OF 21 PERCENT MEATS.
4/ BASED ON A YIELD OF 12 PERCENT MEATS.

COLUMBIA RIVER DISTRICT OF OREGON - OPERATING UNITS, 1966

ITEM	PURSE SEINES, TUNA	OTTER TRAWLS		MID-WATER TRAWLS
		FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON VESSELS	25	90	11	3
VESSELS, MOTOR	2	24	3	1
GROSS TONNAGE	605	1,282	206	198
BOATS, MOTOR	4	-	-	-
GEAR:				
NUMBER	2	24	3	1
LENGTH, YARDS	1,625	-	-	-
YARDS AT MOUTH	-	534	57	44

(CONTINUED ON NEXT PAGE)

COLUMBIA RIVER DISTRICT OF OREGON
OPERATING UNITS, 1966 - Continued

ITEM	POTS		GILL NETS		
			ANCHOR, SET OR STAKE 1/	DRIFT	
	CRAB	CRAWFISH		SALMON	SMELT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	66	-	-	-	-
ON BOATS AND SHORE.	18	5	85	460	35
TOTAL	84	5	85	460	35
VESSELS, MOTOR.	28	-	-	-	-
GROSS TONNAGE	432	-	-	-	-
BOATS:					
MOTOR	9	4	75	421	35
OTHER	-	-	10	-	-
GEAR:					
NUMBER.	7,600	150	85	421	35
SQUARE YARDS.	-	-	30,000	1,285,000	32,000

ITEM	LINES				DIP NETS 1/	TOTAL, EX-CLUSIVE OF DUPLICATION
	HAND, ALBACORE	TROLL		LONG OR SET WITH HOOKS		
		SALMON	ALBACORE			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	131	316	780	6	-	1,209
ON BOATS AND SHORE.	-	55	6	-	40	654
TOTAL	131	371	786	6	40	1,863
VESSELS, MOTOR.	22	179	334	2	-	489
GROSS TONNAGE	1,861	3,034	10,276	64	-	15,583
BOATS:						
MOTOR	7	46	4	-	-	560
OTHER	-	-	-	-	-	10
GEAR:						
NUMBER.	126	1,200	3,254	43	40	-
HOOKS OR BAITS.	126	5,910	3,254	4,360	-	-

1/ OPERATED BY INDIANS.

COLUMBIA RIVER DISTRICT OF OREGON
LANDINGS OF CATCH BY GEAR, 1966

SPECIES	PURSE SEINES, TUNA		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	619,100	$30,925	-	-
FLOUNDERS:						
"SOLE"	-	-	8,264,100	585,586	2,000	$150
OTHER	-	-	287,400	12,760	-	-
LINGCOD	-	-	760,000	37,949	-	-
OCEAN PERCH	-	-	2,832,900	130,313	-	-
ROCKFISHES.	-	-	3,416,200	157,045	5,000	225
SABLEFISH	-	-	38,600	2,425	-	-
SKATES.	-	-	12,200	305	-	-
STURGEON, COMMON.	-	-	4,200	231	-	-
TUNA, BLUEFIN	358,400	$61,285	-	-	-	-
SHRIMP, OCEAN	-	-	-	-	102,200	8,500
TOTAL	358,400	61,285	16,234,700	957,539	109,200	8,875

SPECIES	MID-WATER TRAWLS		POTS			
			CRABS		CRAWFISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HAKE.	65,200	$600	-	-	-	-
CRABS, DUNGENESS.	-	-	2,644,200	$347,925	-	-
CRAWFISH, FRESH-WATER	-	-	-	-	2,000	$800
TOTAL	65,200	600	2,644,200	347,925	2,000	800

(CONTINUED ON NEXT PAGE)

COLUMBIA RIVER DISTRICT OF OREGON
LANDINGS OF CATCH BY GEAR - Continued

SPECIES	GILL NETS					
	ANCHOR, SET OR STAKE 1/		DRIFT			
			SALMON		SMELT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, OTHER.	-	-	100,600	$1,005	-	-
SALMON:						
CHINOOK OR KING	86,000	$26,000	2,636,700	896,487	-	-
CHUM OR KETA.	-	-	7,300	660	-	-
RED OR SOCKEYE.	6,200	2,200	600	235	-	-
SILVER OR COHO.	20,800	5,000	3,501,500	917,390	-	-
SHAD.	-	-	443,200	23,265	-	-
SMELT, EULACHON	-	-	-	-	241,900	$38,697
STEELHEAD TROUT	13,600	3,500	334,600	97,037	-	-
STURGEON, COMMON.	-	-	180,900	20,303	-	-
TOTAL	126,600	36,700	7,205,400	1,956,382	241,900	38,697

SPECIES	LINES					
	HAND		TROLL			
	ALBACORE		SALMON		ALBACORE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	200	$58	-	-
LINGCOD..	-	-	2,600	113	-	-
ROCKFISHES.	-	-	23,100	925	-	-
SALMON:						
CHINOOK OR KING	-	-	180,800	78,451	-	-
SILVER OR COHO.	-	-	992,500	331,487	-	-
STEELHEAD TROUT	-	-	300	94	-	-
TUNA, ALBACORE.	3,832,600	$726,280	-	-	7,420,600	$1,406,204
TOTAL	3,832,600	726,280	1,199,500	411,128	7,420,600	1,406,204

SPECIES	LINES - CONTINUED		DIP NETS, COMMON	
	LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	14,900	$4,122	-	-
LINGCOD	200	10	-	-
SALMON:				
CHINOOK OR KING	-	-	21,900	$4,500
SILVER OR COHO.	-	-	10,100	2,500
STEELHEAD TROUT	-	-	900	200
TOTAL	15,100	4,132	32,900	7,200

1/ FISHED ONLY ON INDIAN RESERVATIONS.

NOTE:--THE FOLLOWING SPECIES LANDED IN THE COLUMBIA RIVER DISTRICT WERE CAUGHT OFF THE COAST: COD, "SOLE", HAKE, HALIBUT, LINGCOD, OCEAN PERCH, ROCKFISHES, SABLEFISH, SKATES, TUNA, CRAB, SHRIMP, THE OTTER-TRAWL LANDINGS OF FLOUNDERS AND STURGEON, AND MOST OF THE TROLL LANDINGS OF SALMON.

COASTAL DISTRICT OF OREGON - OPERATING UNITS, 1966

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	
		COMMON	SHRIMP
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	-	93	81
ON BOATS AND SHORE	12	-	-
TOTAL	12	93	81
VESSELS, MOTOR	-	27	26
GROSS TONNAGE	-	1,064	779
BOATS:			
MOTOR	4	-	-
OTHER	2	-	-
GEAR:			
NUMBER	4	27	26
LENGTH, YARDS	400	-	-
YARDS AT MOUTH	-	576	494

ITEM	POTS, CRAB	GILL NETS, SHAD	
		ANCHOR, SET OR STAKE	DRIFT
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	183	-	-
ON BOATS AND SHORE	60	37	40
TOTAL	243	37	40
VESSELS, MOTOR	79	-	-
GROSS TONNAGE	1,821	-	-
BOATS, MOTOR	40	32	38
GEAR:			
NUMBER	21,000	140	38
SQUARE YARDS	-	35,000	75,000

ITEM	LINES			
	HAND, ALBACORE	TROLL		LONG OR SET WITH HOOKS
		SALMON	ALBACORE	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	27	802	924	13
ON BOATS AND SHORE	-	526	28	-
TOTAL	27	1,328	952	13
VESSELS, MOTOR	5	450	434	4
GROSS TONNAGE	331	7,504	9,602	61
BOATS, MOTOR	-	467	20	-
GEAR:				
NUMBER	26	4,450	4,138	67
HOOKS OR BAITS	26	20,400	4,138	6,160

ITEM	DREDGES, OYSTER, COMMON	SHOVELS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	5	-	-	1,417
ON BOATS AND SHORE	-	175	20	818
TOTAL	5	175	20	2,235
VESSELS, MOTOR	2	-	-	675
GROSS TONNAGE	35	-	-	14,164
BOATS:				
MOTOR	-	-	3	554
OTHER	-	-	2	4
GEAR:				
NUMBER	4	175	-	-
YARDS AT MOUTH	8	-	-	-

COASTAL DISTRICT OF OREGON
LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL, SEINES COMMON		OTTER TRAWLS			
			FISH		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	16,500	$700	-	-
FLOUNDERS:						
"SOLE"	-	-	5,073,100	323,640	115,000	$4,737
OTHER	-	-	276,600	12,410	-	-
HERRING, SEA	93,600	$23,411	-	-	-	-
LINGCOD	-	-	233,800	10,706	9,000	405
OCEAN PERCH	-	-	1,691,200	72,617	15,000	645
ROCKFISHES	-	-	2,078,700	84,623	272,000	11,390
SABLEFISH	-	-	125,300	7,400	7,200	360
SKATES	-	-	143,000	3,576	8,000	200
STURGEON, COMMON	-	-	6,300	326	-	-
SHRIMP, OCEAN	-	-	-	-	4,582,300	475,568
OCTOPUS	-	-	100	5	-	-
TOTAL	93,600	23,411	9,644,600	516,003	5,008,500	493,305

SPECIES	POTS, CRAB		GILL NETS, SHAD			
			ANCHOR, SET OR STAKE		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LINGCOD	700	$33	-	-	-	-
SHAD	-	-	125,000	$14,375	425,300	$48,906
STRIPED BASS	-	-	24,000	2,400	24,300	2,428
CRAB, DUNGENESS	7,900,000	1,053,378	-	-	-	-
TOTAL	7,900,700	1,053,411	149,000	16,775	449,600	51,334

SPECIES	LINES					
	TROLL, SALMON		HAND AND TROLL, ALBACORE		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, "SOLE"	400	$38	-	-	100	$10
HALIBUT	19,800	4,750	-	-	110,100	30,570
LINGCOD	42,700	1,916	-	-	1,500	66
ROCKFISHES	35,900	1,328	-	-	12,700	445
SABLEFISH	-	-	-	-	213,800	28,859
SALMON:						
CHINOOK OR KING	736,200	338,668	-	-	-	-
PINK	4,400	800	-	-	-	-
SILVER OR COHO	4,168,500	1,371,433	-	-	-	-
TUNA, ALBACORE	-	-	6,429,000	$1,131,505	-	-
TOTAL	5,007,900	1,718,933	6,429,000	1,131,505	338,200	59,950

SPECIES	DREDGES, OYSTER AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
RAZOR	-	-	34,800	$24,500
MIXED	-	-	9,900	7,500
OYSTERS, MARKET, PACIFIC	250,100	$106,600	-	-
TOTAL	250,100	106,600	44,700	32,000

DUNGENESS CRAB

PACIFIC COAST FISHERIES

CALIFORNIA

LANDINGS BY DISTRICTS, 1966

SPECIES	NORTHERN		SAN FRANCISCO		MONTEREY	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	-	-	68,200	$3,045	16,640,000	$176,025
BONITO	-	-	2,400	210	16,500	726
CABEZONE	-	-	2,200	60	1,600	98
CARP	-	-	252,400	10,097	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	500	$26	3,000	60	-	-
CALIFORNIA HALIBUT	100	30	234,000	59,168	92,600	20,413
SAND DABS	155,500	14,552	296,300	23,355	249,500	16,443
"SOLE":						
DOVER	7,578,700	532,174	2,542,200	143,785	135,400	7,299
ENGLISH	1,934,500	171,968	1,904,300	170,730	452,900	36,600
PETRALE	1,197,000	154,766	1,143,600	156,615	299,500	42,208
REX	913,400	77,643	395,700	31,127	204,000	13,232
SAND	2,700	290	149,100	18,022	6,500	772
UNCLASSIFIED	100	6	100	9	9,700	977
OTHER	54,300	3,304	218,800	15,144	60,100	5,116
HAKE	-	-	31,700	635	24,900	504
HALIBUT	700	239	-	-	-	-
HARDHEAD	-	-	257,000	51,404	-	-
HERRING, SEA	-	-	30,000	2,179	212,000	21,079
KING CROAKER	-	-	12,300	1,234	98,100	6,792
LINGCOD	391,300	33,434	269,300	24,065	92,800	9,324
MACKEREL, JACK	800	38	300	13	1,234,700	45,837
PERCH	46,100	6,905	15,700	3,828	18,100	2,858
POMPANO	-	-	-	-	10,600	5,873
ROCKFISHES	1,912,300	100,948	1,612,800	105,334	3,385,900	196,906
SABLEFISH	1,588,900	162,158	1,031,500	42,044	593,800	26,304
SALMON:						
CHINOOK OR KING	6,097,100	3,104,686	1,967,600	1,167,881	165,700	100,589
SILVER OR COHO	839,300	302,998	270,900	110,798	22,800	9,485
TOTAL SALMON	6,936,400	3,407,684	2,238,500	1,278,679	188,500	110,074
SARDINE, PACIFIC	-	-	-	-	13,000	2,463
SEA BASS:						
BLACK	-	-	-	-	100	26
WHITE	-	-	500	138	23,600	6,172
SHARKS, UNCLASSIFIED	3,300	168	110,000	4,709	56,000	2,242
SKATE	2,400	39	72,500	949	71,000	1,221
SMELT	188,300	12,203	97,800	12,491	16,300	1,506
SWORDFISH	-	-	-	-	800	323
TUNA:						
ALBACORE	1,619,700	279,296	1,447,000	255,684	2,995,400	527,471
BLUEFIN	-	-	111,200	18,135	-	-
SKIPJACK	-	-	27,900	4,110	1,500	158
YELLOWFIN	-	-	699,500	118,458	-	-
TOTAL TUNA	1,619,700	279,296	2,285,600	396,387	2,996,900	527,629
TURBOT	2,200	112	66,600	3,303	400	16
WHITEBAIT	149,600	14,852	12,700	1,702	-	-
UNCLASSIFIED:						
FOR FOOD	38,500	1,926	1,900	380	200	10
BAIT AND ANIMAL FOOD	1,277,300	22,000	-	-	-	-
TOTAL FISH	25,994,600	4,996,761	15,359,000	2,560,901	27,206,000	1,287,068
SHELLFISH, ETC.						
CRABS:						
DUNGENESS	12,046,700	1,757,343	320,900	118,472	2,900	1,276
ROCK	-	-	-	-	600	20
TOTAL CRABS	12,046,700	1,757,343	320,900	118,472	3,500	1,296
SHRIMP, OCEAN	1,189,200	124,251	4,700	918	3,400	2,356
ABALONE 1/	-	-	2,700	1,917	-	-
CLAMS, HARD 2/	200	147	-	-	300	325
OCTOPUS	700	34	11,500	473	4,900	431
OYSTERS, MARKET:						
EASTERN 3/	-	-	12,900	40,584	-	-
PACIFIC 4/	535,900	123,259	221,600	50,963	2,000	455
TOTAL OYSTERS	535,900	123,259	234,500	91,547	2,000	455

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CALIFORNIA - LANDINGS BY DISTRICTS, 1966 - Continued

SPECIES	NORTHERN		SAN FRANCISCO		MONTEREY	
SHELLFISH, ETC. - CONTINUED	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SQUID.	-	-	-	-	11,207,400	$341,687
TOTAL SHELLFISH, ETC.	13,772,700	$2,005,034	574,300	$213,327	11,221,500	346,550
WHALE PRODUCTS						
MEAL	-	-	2,187,800	131,300	-	-
MEAT	-	-	2,227,300	178,183	-	-
OIL:						
SPERM.	-	-	550,700	32,777	-	-
WHALE.	-	-	1,511,500	90,112	-	-
TOTAL WHALE PRODUCTS.	-	-	6,477,300	432,372	-	-
GRAND TOTAL	39,767,300	7,001,795	22,410,600	3,206,600	38,427,500	1,633,618

SPECIES	SANTA BARBARA		SAN PEDRO		SAN DIEGO	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES.	9,039,300	$88,881	36,532,700	$375,974	-	-
BARRACUDA.	6,000	1,152	287,400	51,214	25,700	$4,169
BONITO	494,300	19,311	17,574,000	697,887	1,061,300	43,147
CABEZONE	8,800	347	-	-	-	-
CABRILLA	-	-	8,900	1,334	3,000	519
FLOUNDERS:						
CALIFORNIA HALIBUT . . .	285,600	76,952	247,700	67,146	151,400	40,327
SAND DABS.	6,500	575	100	29	12,200	3,069
"SOLE":						
DOVER.	55,100	3,321	200	16	-	-
ENGLISH.	544,900	40,610	8,300	1,000	-	-
PETRALE.	286,000	37,059	1,100	187	-	-
REX.	122,000	10,348	300	22	-	-
SAND	77,400	9,456	-	-	-	-
UNCLASSIFIED	6,300	681	1,000	127	8,700	2,136
OTHER.	47,400	3,812	-	-	-	-
FLYING FISH.	-	-	56,400	6,745	-	-
GROUPERS	-	-	185,800	41,801	65,100	15,256
HAKE	12,200	243	-	-	200	18
HALFMOON	-	-	9,400	2,195	100	13
KING CROAKER	300	16	676,000	35,661	4,400	470
LINGCOD.	44,400	4,071	2,000	303	500	58
MACKEREL:						
JACK	6,790,400	221,589	32,857,400	1,157,155	15,000	600
PACIFIC.	545,500	19,443	4,033,100	166,426	50,900	2,641
OPALEYE.	-	-	13,700	2,796	5,700	1,287
PERCH.	23,500	5,589	45,700	8,592	11,300	2,151
POMPANO.	12,100	2,426	36,900	11,769	-	-
ROCKFISHES	2,264,000	133,667	551,000	78,242	337,600	44,552
SABLEFISH.	1,700	119	-	-	-	-
SALMON:						
CHINOOK OR KING.	73,100	44,566	-	-	300	220
SILVER OR COHO	10,100	4,232	100	30	-	-
TOTAL SALMON.	83,200	48,798	100	30	300	220
SARDINE, PACIFIC	107,500	17,428	742,600	129,618	15,300	2,542
SCULPIN.	-	-	26,500	9,239	82,000	22,453
SEA BASS:						
BLACK.	1,300	204	290,700	51,546	48,900	8,450
WHITE.	219,100	65,706	938,500	256,211	156,100	46,934
SHARKS, UNCLASSIFIED . . .	125,000	13,131	243,600	32,502	115,900	13,983
SHEEPSHEAD	200	10	5,800	467	10,000	902
SKATE.	800	65	7,300	187	-	-
SMELT.	69,600	644	149,900	5,137	600	65
SWORDFISH.	133,200	56,259	305,200	148,653	29,600	14,961
TUNA:						
ALBACORE	1,551,200	281,257	6,754,200	1,296,396	3,821,700	721,310
BLUEFIN.	-	-	27,731,400	4,066,329	6,977,800	1,020,309
SKIPJACK	1,000	139	35,861,800	4,724,881	15,197,100	2,031,309
YELLOWFIN.	-	-	93,476,200	16,812,456	38,435,500	6,761,385
TOTAL TUNA.	1,552,200	281,396	163,823,600	26,900,062	64,432,100	10,534,313

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CALIFORNIA - LANDINGS BY DISTRICTS, 1966 - Continued

SPECIES	SANTA BARBARA		SAN PEDRO		SAN DIEGO	
FISH - CONTINUED	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
TURBOT	13,900	$862	-	-	200	$28
YELLOWTAIL	100	15	211,500	$23,437	33,600	3,198
UNCLASSIFIED:						
FOR FOOD	-	-	9,500	496	2,000	190
BAIT AND ANIMAL FOOD . .	1,102,900	21,972	-	-	-	-
TOTAL FISH.	24,082,700	1,186,158	259,883,900	30,264,206	66,679,700	10,808,652
SHELLFISH, ETC.						
CRABS:						
DUNGENESS.	5,900	2,618	-	-	-	-
ROCK	106,500	6,676	207,500	25,399	16,200	629
TOTAL CRABS.	112,400	9,294	207,500	25,399	16,200	629
LOBSTER, SPINY	123,500	100,161	200,200	171,545	165,400	137,624
SHRIMP, OCEAN.	30,900	7,737	-	-	-	-
ABALONE 1/	624,200	598,284	238,000	213,087	127,800	101,915
OCTOPUS.	500	46	-	-	-	-
OYSTERS, MARKET, PACIFIC 4/.	28,000	6,449	-	-	-	-
SQUID.	1,305,000	17,160	6,513,200	91,736	300	24
TOTAL SHELLFISH, ETC	2,224,500	739,131	7,158,900	501,767	309,700	240,192
GRAND TOTAL.	26,307,200	1,925,289	267,042,800	30,765,973	66,989,400	11,048,844

1/ BASED ON A YIELD OF 20 PERCENT MEATS.
2/ BASED ON A YIELD OF 24 PERCENT MEATS.
3/ BASED ON A YIELD OF 14 PERCENT MEATS.
4/ BASED ON A YIELD OF 12 PERCENT MEATS.

ABALONE FISHING

PACIFIC COAST FISHERIES

CALIFORNIA - LANDINGS BY WATERS, 1966

SPECIES	OFF UNITED STATES		OFF LATIN AMERICA	
	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	62,280,200	$643,925	-	-
BARRACUDA	233,300	41,949	85,800	$14,586
BONITO	18,308,200	728,666	840,300	32,615
CABEZONE	12,600	505	-	-
CABRILLA	-	-	11,900	1,853
CARP	252,400	10,097	-	-
FLOUNDERS:				
ARROWTOOTH HALIBUT	3,500	86	-	-
CALIFORNIA HALIBUT	749,500	195,942	261,900	68,094
SAND DABS	720,100	58,023	-	-
"SOLE":				
DOVER	10,311,600	686,595	-	-
ENGLISH	4,844,900	420,908	-	-
PETRALE	2,927,200	390,835	-	-
REX	1,635,400	132,372	-	-
SAND	235,700	28,540	-	-
UNCLASSIFIED	25,900	3,936	-	-
OTHER	380,600	27,376	-	-
FLYING FISH	56,400	6,745	-	-
GROUPERS	-	-	250,900	57,057
HAKE	69,000	1,400	-	-
HALFMOON	9,500	2,208	-	-
HALIBUT	700	239	-	-
HARDHEAD	257,000	51,404	-	-
HERRING, SEA	242,000	23,258	-	-
KING CROAKER	791,000	44,168	100	5
LINGCOD	799,900	71,223	400	32
MACKEREL:				
JACK	40,698,600	1,425,232	-	-
PACIFIC	4,629,500	188,510	-	-
OPALEYE	19,400	4,083	-	-
PERCH	158,200	29,527	2,200	396
POMPANO	59,600	20,068	-	-
ROCKFISHES	9,974,900	653,883	88,700	5,766
SABLEFISH	3,215,900	230,625	-	-
SALMON:				
CHINOOK OR KING	8,303,800	4,417,942	-	-
SILVER OR COHO	1,143,200	427,543	-	-
SARDINE, PACIFIC	878,400	152,051	-	-
SCULPIN	84,500	24,732	24,000	6,960
SEA BASS				
BLACK	7,500	1,328	333,500	58,898
WHITE	674,500	188,860	663,300	186,301
SHARKS, UNCLASSIFIED	630,500	64,404	23,300	2,331
SHEEPSHEAD	13,300	1,163	2,700	216
SKATE	152,500	2,438	1,500	23
SMELT	522,500	32,046	-	-
SWORDFISH	463,800	217,986	5,000	2,210
TUNA:				
ALBACORE	16,814,200	3,110,627	1,375,000	250,787
BLUEFIN	2,202,600	321,580	32,617,800	4,783,193
SKIPJACK	173,800	22,942	50,915,500	6,737,655
YELLOWFIN	2,400	427	132,608,800	23,691,872
TURBOT	83,300	4,321	-	-
WHITEBAIT	162,300	16,554	-	-
YELLOWTAIL	35,900	3,877	209,300	22,773
UNCLASSIFIED:				
FOR FOOD	49,700	2,816	2,400	186
BAIT AND ANIMAL FOOD	2,380,200	43,972	-	-
CRABS:				
DUNGENESS	12,376,400	1,879,709	-	-
ROCK	330,700	32,714	100	10
LOBSTER, SPINY	489,100	409,330	-	-
SHRIMP, OCEAN	1,228,200	135,262	-	-
ABALONE	992,700	915,203	-	-
CLAMS, HARD	500	472	-	-
OCTOPUS	17,600	984	-	-
OYSTERS, MARKET:				
EASTERN	12,900	40,584	-	-
PACIFIC	787,500	181,126	-	-
SQUID	19,025,900	450,607	-	-
WHALE PRODUCTS:				
MEAL	2,187,800	131,300	-	-
MEAT	2,227,300	178,183	-	-
OIL:				
SPERM	550,700	32,777	-	-
WHALE	1,511,500	90,112	-	-
TOTAL	240,620,400	19,658,300	220,324,400	35,923,819

NORTHERN DISTRICT OF CALIFORNIA - OPERATING UNITS, 1966

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS AND TRAPS	
		FISH	SHRIMP	CRAB	OCTOPUS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	170	57	376	5
ON BOATS AND SHORE. . . .	4	-	-	103	-
TOTAL	4	170	57	479	5
VESSELS, MOTOR.	-	43	15	159	2
GROSS TONNAGE	-	1,675	396	2,839	22
BOATS, MOTOR.	2	-	-	52	-
GEAR:					
NUMBER.	2	43	15	20,280	48
LENGTH, YARDS	800	-	-	-	-
YARDS AT MOUTH.	-	1,140	225	-	-

ITEM	LINES					
	HAND			TROLL		
	ALBACORE	ROCKFISHES	OTHER	SALMON	ALBACORE	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	7	3	-	1,822	821	49
ON BOATS AND SHORE. . . .	-	-	2	1,450	68	2
TOTAL.	7	3	2	3,272	889	51
VESSELS, MOTOR.	2	1	-	775	345	17
GROSS TONNAGE	64	16	-	15,334	6,359	282
BOATS, MOTOR.	-	-	1	725	34	1
GEAR:						
NUMBER.	7	3	2	9,000	3,411	162
HOOKS OR BAITS.	7	6	4	36,000	3,411	162

ITEM	LINES - CONTINUED	DREDGES, OYSTER		TONGS, OYSTER	SHOVELS, CLAM	BY HAND, OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS	COMMON	SUCTION				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	8	-	-	-	-	-	2,119
ON BOATS AND SHORE. . . .	6	4	3	14	2	12	1,496
TOTAL.	14	4	3	14	2	12	3,615
VESSELS, MOTOR.	3	-	-	-	-	-	865
GROSS TONNAGE	35	-	-	-	-	-	18,541
BOATS, MOTOR.	3	2	1	7	1	6	748
GEAR:							
NUMBER.	60	2	1	14	2	-	-
YARDS AT MOUTH.	-	2	-	-	-	-	-
HOOKS OR BAITS.	6,000	-	-	-	-	-	-

NORTHERN DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
ARROWTOOTH HALIBUT	-	-	500	$26	-	-
CALIFORNIA HALIBUT	-	-	100	30	-	-
SAND DABS.	-	-	155,500	14,552	-	-
"SOLE":						
DOVER.	-	-	7,578,700	532,174	-	-
ENGLISH.	-	-	1,934,500	171,968	-	-
PETRALE.	-	-	1,196,100	154,649	-	-
REX.	-	-	913,400	77,643	-	-
SAND	-	-	2,700	290	-	-
UNCLASSIFIED	-	-	100	6	-	-
OTHER.	-	-	54,300	3,304	-	-
LINGOCD.	-	-	322,600	27,594	-	-
MACKEREL, JACK	-	-	200	9	-	-
PERCH.	45,400	$6,807	700	98	-	-
ROCKFISHES	-	-	1,843,200	97,286	-	-
SABLEFISH.	-	-	546,100	54,610	-	-
SALMON, CHINOOK OR KING.	-	-	4,800	2,400	-	-
SHARKS, UNCLASSIFIED	-	-	3,100	158	-	-
SKATES	-	-	2,300	37	-	-
SMELT.	188,300	12,203	-	-	-	-
TURBOT	-	-	2,000	102	-	-
WHITEBAIT.	149,600	14,852	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	38,500	1,926	-	-
BAIT AND ANIMAL.	-	-	1,277,300	22,000	-	-
CRABS, DUNGENESS	-	-	-	-	12,046,700	$1,757,343
SHRIMP, OCEAN.	-	-	1,189,200	124,251	-	-
OCTOPUS.	-	-	-	-	700	34
TOTAL.	383,300	33,862	17,065,900	1,285,113	12,047,400	1,757,377

SPECIES	LINES		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, "SOLE", PETRALE . . .	900	$117	-	-
HALIBUT.	700	239	-	-
LINGCOD.	68,700	5,840	-	-
MACKEREL, JACK	600	29	-	-
ROCKFISHES	69,100	3,662	-	-
SABLEFISH.	1,042,800	107,548	-	-
SALMON:				
CHINOOK OR KING.	6,092,300	3,102,286	-	-
SILVER OR COHO	839,300	302,998	-	-
SHARKS, UNCLASSIFIED	200	10	-	-
SKATES	100	2	-	-
TUNA, ALBACORE	1,619,700	279,296	-	-
TURBOT	200	10	-	-
OYSTERS, PACIFIC	-	-	491,700	$113,093
TOTAL.	9,734,600	3,802,037	491,700	113,093

SPECIES	TONGS AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD.	-	-	200	$147
OYSTERS, PACIFIC	44,200	$10,166	-	-
TOTAL.	44,200	10,166	200	147

SAN FRANCISCO DISTRICT OF CALIFORNIA OPERATING UNITS, 1966

ITEM	HAUL SEINES, COMMON	PURSE SEINES AND LAMPARA NETS				OTTER TRAWLS	
		ANCHOVY	MACKEREL	TUNA	OTHER	FISH	SHRIMP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	3	8	25	4	76	4
ON BOATS AND SHORE. . . .	5	7	-	-	18	10	13
TOTAL.	5	10	8	25	22	86	17
VESSELS, MOTOR.	-	1	1	2	1	19	1
GROSS TONNAGE	-	13	33	561	11	823	11
BOATS, MOTOR.	2	3	1	4	6	3	4
GEAR:							
NUMBER	2	3	1	2	7	22	5
LENGTH, YARDS	725	1,250	525	1,650	2,625	-	-
YARDS AT MOUTH.	-	-	-	-	-	588	75

ITEM	POTS AND TRAPS			GILL NETS		LINES	
						HAND	
	CRABS	FISH	OCTOPUS	DRIFT	OTHER	ALBACORE	ROCKFISHES
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	140	-	3	2	-	3	23
ON BOATS AND SHORE. . . .	74	3	2	3	6	-	16
TOTAL.	214	3	5	5	6	3	39
VESSELS, MOTOR.	59	-	1	1	-	1	8
GROSS TONNAGE	848	-	14	11	-	20	91
BOATS, MOTOR.	37	2	1	1	2	-	6
GEAR:							
NUMBER.	9,160	98	48	2	2	3	39
SQUARE YARDS.	-	-	-	6,700	6,600	-	-
HOOKS OR BAITS.	-	-	-	-	-	3	78

ITEM	LINES - CONTINUED				
	HAND - CONTINUED	TROLL			LONG OR SET WITH HOOKS
	OTHER	SALMON	ALBACORE	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	1,089	552	6	19
ON BOATS AND SHORE. . . .	4	718	36	4	20
TOTAL.	4	1,807	588	10	39
VESSELS, MOTOR.	-	463	232	2	7
GROSS TONNAGE	-	8,346	5,086	25	118
BOATS, MOTOR.	2	359	18	2	10
GEAR:					
NUMBER.	4	4,932	2,250	36	170
HOOKS OR BAITS.	8	19,728	2,250	36	17,000

ITEM	HARPOONS, WHALE	DREDGES, OYSTER, COMMON	TONGS, OYSTER	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	24	-	-	-	1,365
ON BOATS AND SHORE. . . .	-	4	10	7	792
TOTAL.	24	4	10	7	2,157
VESSELS, MOTOR.	5	-	-	-	555
GROSS TONNAGE	972	-	-	-	12,471
BOATS, MOTOR.	-	2	5	3	391
GEAR:					
NUMBER.	5	2	10	4	-
YARDS AT MOUTH.	-	2	-	-	-

SAN FRANCISCO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	-	-	68,200	$3,045	-	-
BONITO	-	-	2,300	201	-	-
CABEZONE	-	-	-	-	200	$5
CARP	202,700	$8,109	-	-	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	-	-	-	-	3,000	60
CALIFORNIA HALIBUT	-	-	-	-	184,200	46,401
SAND DABS	-	-	-	-	296,300	23,355
"SOLE":						
DOVER	-	-	-	-	2,542,200	143,785
ENGLISH	-	-	-	-	1,903,500	170,659
PETRALE	-	-	-	-	1,143,300	156,574
REX	-	-	-	-	395,700	31,127
SAND	-	-	-	-	148,600	17,962
UNCLASSIFIED	-	-	-	-	100	9
OTHER	-	-	-	-	215,800	14,935
HAKE	-	-	-	-	31,700	635
HARDHEAD	230,900	46,184	-	-	-	-
HERRING, SEA	14,000	1,022	16,000	1,157	-	-
KING CROAKER	4,700	473	-	-	5,900	590
LINGCOD	-	-	-	-	223,100	19,907
MACKEREL, JACK	-	-	300	13	-	-
PERCH	15,200	3,706	-	-	500	122
ROCKFISHES	-	-	-	-	1,542,300	100,681
SABLEFISH	-	-	-	-	1,001,200	40,829
SHARKS, UNCLASSIFIED	-	-	-	-	59,300	2,539
SKATE	-	-	-	-	69,600	911
SMELT	44,700	5,710	53,100	6,781	-	-
TUNA:						
ALBACORE	-	-	169,700	30,113	-	-
BLUEFIN	-	-	111,200	18,135	-	-
SKIPJACK	-	-	27,900	4,110	-	-
YELLOWFIN	-	-	699,500	118,458	-	-
TURBOT	-	-	-	-	66,000	3,273
WHITEBAIT	6,000	804	6,700	898	-	-
UNCLASSIFIED, FOR FOOD	1,200	240	-	-	-	-
CRABS, DUNGENESS	-	-	-	-	4,700	1,640
SHRIMP, OCEAN	-	-	-	-	4,700	918
OCTOPUS	-	-	-	-	2,100	82
TOTAL	519,400	66,248	1,154,900	182,911	9,844,000	776,999

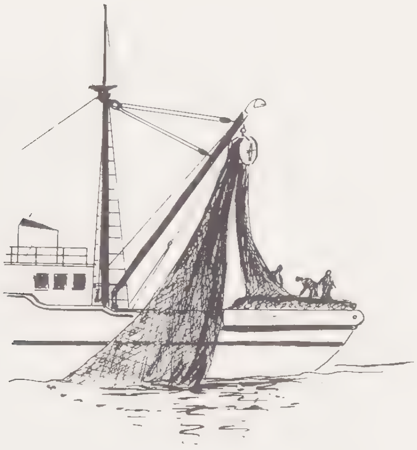
SPECIES	POTS AND TRAPS		GILL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BONITO	-	-	-	-	100	$9
CABEZONE	-	-	-	-	2,000	55
CARP	49,700	$1,988	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	36,200	$9,231	13,600	3,536
"SOLE":						
ENGLISH	-	-	-	-	800	71
PETRALE	-	-	-	-	300	41
SAND	-	-	-	-	500	60
OTHER	-	-	2,500	174	500	35
HARDHEAD	26,100	5,220	-	-	-	-
KING CROAKER	-	-	1,700	171	-	-
LINGCOD	-	-	-	-	46,200	4,158
ROCKFISHES	-	-	-	-	70,500	4,653
SABLEFISH	-	-	-	-	30,300	1,215
SALMON:						
CHINOOK OR KING	-	-	-	-	1,967,600	1,167,881
SILVER OR COHO	-	-	-	-	270,900	110,798
SEA BASS, WHITE	-	-	500	138	-	-
SHARKS, UNCLASSIFIED	-	-	48,600	2,080	2,100	90
TUNA, ALBACORE	-	-	-	-	1,277,300	225,571
TURBOT	-	-	-	-	600	30
UNCLASSIFIED, FOR FOOD	-	-	700	140	-	-
CRABS, DUNGENESS	316,200	116,832	-	-	-	-
OCTOPUS	8,900	371	500	20	-	-
TOTAL	400,900	124,411	90,700	11,954	3,683,300	1,518,203

(CONTINUED ON NEXT PAGE)

SAN FRANCISCO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	HARPOONS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE
SKATE	-	-	2,900	$38
OYSTERS, PACIFIC	-	-	44,400	10,207
WHALE PRODUCTS:				
MEAL	2,187,800	$131,300	-	-
MEAT	2,227,300	178,183	-	-
OIL:				
SPERM	550,700	32,777	-	-
WHALE	1,511,500	90,112	-	-
TOTAL	6,477,300	432,372	47,300	10,245

SPECIES	TONGS, OYSTER		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE
ABALONE	-	-	2,700	$1,917
OYSTERS:				
EASTERN	12,900	$40,584	-	-
PACIFIC	177,200	40,756	-	-
TOTAL	190,100	81,340	2,700	1,917



PURSE SEINE POWER BLOCK

MONTEREY DISTRICT OF CALIFORNIA - OPERATING UNITS, 1966

ITEM	PURSE SEINES AND LAMPARA NETS				OTTER TRAWLS	
	ANCHOVY	MACKEREL AND SARDINE	SQUID	OTHER	FISH	SHRIMP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	71	38	7	-	38	7
ON BOATS AND SHORE. . . .	15	5	-	6	3	3
TOTAL.	86	43	7	6	41	10
VESSELS, MOTOR.	16	6	1	-	10	2
GROSS TONNAGE	383	264	29	-	317	63
BOATS, MOTOR.	9	5	1	2	1	1
GEAR:						
NUMBER.	21	8	1	2	11	3
LENGTH, YARDS	9,010	3,625	500	785	-	-
YARDS AT MOUTH.	-	-	-	-	294	45

ITEM	POTS AND TRAPS		GILL NETS, DRIFT		TRAMMEL NETS	LINES	
						HAND	
	CRAB	OCTOPUS	SEA BASS	OTHER		ALBACORE	ROCKFISHES
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	7	-	3	3	3	88	25
ON BOATS AND SHORE. . . .	2	3	21	9	6	6	86
TOTAL.	9	3	24	12	9	94	111
VESSELS, MOTOR.	3	-	1	1	1	24	8
GROSS TONNAGE	39	-	14	8	16	693	156
BOATS, MOTOR.	1	1	7	3	2	7	34
GEAR:							
NUMBER.	398	20	8	4	3	91	111
SQUARE YARDS.	-	-	27,200	13,500	15,200	-	-
HOOKS OF BAITS.	-	-	-	-	-	91	222

ITEM	LINES - CONTINUED					
	HAND - CONTINUED		TROLL			LONG OR SET WITH HOOKS
	TUNA	OTHER	SALMON	ALBACORE	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	5	3	245	512	13	6
ON BOATS AND SHORE. . . .	-	6	242	134	10	32
TOTAL.	5	9	487	646	23	38
VESSELS, MOTOR.	1	1	104	215	4	2
GROSS TONNAGE	52	16	1,807	4,726	53	27
BOATS, MOTOR.	-	3	121	67	5	16
GEAR:						
NUMBER.	5	9	1,350	2,538	81	180
HOOKS OR BAITS.	5	18	5,400	2,538	81	18,000

ITEM	HARPOONS, SWORDFISH	TONGS, OYSTER	SHOVELS, CLAMS	OYSTERS, BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	3	-	-	-	807
ON BOATS AND SHORE. . . .	-	3	2	2	437
TOTAL.	3	3	2	2	1,244
VESSELS, MOTOR.	1	-	-	-	301
GROSS TONNAGE	25	-	-	-	6,776
BOATS, MOTOR.	-	2	1	1	210
GEAR, NUMBER.	1	3	2	-	-

MONTEREY DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1966

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	16,640,000	$176,025	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	5,400	$1,213	-	-
SAND DABS	-	-	204,600	13,479	-	-
"SOLE":						
DOVER	-	-	135,400	7,299	-	-
ENGLISH	-	-	452,900	36,600	-	-
PETRALE	-	-	293,800	41,404	-	-
REX	-	-	204,000	13,232	-	-
SAND	-	-	6,200	736	-	-
OTHER	-	-	18,200	1,412	-	-
HAKE	-	-	22,000	440	-	-
HERRING, SEA	163,300	16,210	-	-	-	-
KING CROAKER	49,300	3,402	1,000	69	-	-
LINGCOD	-	-	29,400	2,350	-	-
MACKEREL, JACK	1,234,400	45,825	300	12	-	-
PERCH	9,200	1,439	200	27	-	-
POMPANO	9,500	5,246	-	-	-	-
ROCKFISHES	-	-	2,471,700	142,054	-	-
SABLEFISH	-	-	237,500	10,271	-	-
SARDINE, PACIFIC	13,000	2,463	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	12,400	496	-	-
SKATES	-	-	63,200	1,088	-	-
SMELT	16,300	1,506	-	-	-	-
TUNA, ALBACORE	18,400	3,312	-	-	-	-
TURBOT	-	-	400	16	-	-
UNCLASSIFIED, FOR FOOD	-	-	200	10	-	-
CRABS:						
DUNGENESS	-	-	-	-	2,900	$1,276
ROCK	-	-	-	-	600	20
SHRIMP, OCEAN	-	-	3,400	2,356	-	-
OCTOPUS	-	-	200	17	4,700	414
SQUID	11,206,000	341,641	1,400	46	-	-
TOTAL	29,359,400	597,069	4,163,800	274,627	8,200	1,710

SPECIES	GILL AND TRAMMEL NETS		LINES		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BONITO	-	-	16,500	$726	-	-
CABEZONE	-	-	1,600	98	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	70,900	$15,598	16,300	3,602	-	-
SAND DABS	-	-	44,900	2,964	-	-
"SOLE":						
PETRALE	-	-	5,700	804	-	-
SAND	-	-	300	36	-	-
UNCLASSIFIED	6,600	667	3,100	310	-	-
OTHER	21,000	1,823	20,900	1,881	-	-
HAKE	-	-	2,900	64	-	-
HERRING, SEA	48,700	4,869	-	-	-	-
KING CROAKER	47,800	3,321	-	-	-	-
LINGCOD	-	-	63,400	6,974	-	-
PERCH	8,700	1,392	-	-	-	-
POMPANO	-	-	1,100	627	-	-
ROCKFISHES	-	-	914,200	54,852	-	-
SABLEFISH	-	-	356,300	16,033	-	-
SALMON:						
CHINOOK OR KING	-	-	165,700	100,589	-	-
SILVER OR COHO	-	-	22,800	9,485	-	-
SEA BASS:						
BLACK	-	-	100	26	-	-
WHITE	20,900	5,470	2,700	702	-	-
SHARKS, UNCLASSIFIED	43,400	1,738	200	8	-	-
SKATES	5,100	87	2,700	46	-	-
SWORDFISH	-	-	-	-	800	$323
TUNA:						
ALBACORE	-	-	2,977,000	524,159	-	-
SKIPJACK	-	-	1,500	158	-	-
TOTAL	273,100	34,965	4,619,900	724,144	800	323

SPECIES	TONGS AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD	-	-	300	$325
OYSTERS, PACIFIC	2,000	$455	-	-
TOTAL	2,000	455	300	325

SANTA BARBARA DISTRICT OF CALIFORNIA - OPERATING UNITS, 1966

ITEM	PURSE SEINES AND LAMPARA NETS					OTTER TRAWLS	
	ANCHOVY	MACKEREL AND SARDINE	TUNA	SQUID	OTHER	FISH	SHRIMP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	14	132	46	-	54	70	12
ON BOATS AND SHORE.	-	-	-	3	-	5	-
TOTAL	14	132	46	3	54	75	12
VESSELS, MOTOR.	2	14	4	-	6	19	3
GROSS TONNAGE.	160	1,310	807	-	546	613	68
BOATS, MOTOR.	-	10	4	1	6	2	-
GEAR:							
NUMBER.	2	14	4	1	6	21	3
LENGTH, YARDS	825	7,575	2,550	400	3,645	-	-
YARDS AT MOUTH.	-	-	-	-	-	556	45

TEM	POTS AND TRAPS			GILL NETS, DRIFT			TRAMMEL NETS
	CRAB	LOBSTER, SPINY	OCTOPUS	BARRACUDA	SEA BASS	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	2	21	5	6	17	-	8
ON BOATS AND SHORE.	12	54	-	-	22	9	12
TOTAL	14	75	5	6	39	6	2
VESSELS, MOTOR.	1	8	2	2	6	-	3
GROSS TONNAGE	21	161	31	30	86	-	35
BOATS, MOTOR.	6	27	-	-	8	3	4
GEAR:							
NUMBER.	652	3,190	45	2	14	3	7
SQUARE YARDS.	-	-	-	7,000	48,000	10,400	35,100

ITEM	LINES						
	HAND			TROLL			LONG OR SET WITH HOOKS
	ALBACORE	ROCKFISHES	OTHER	SALMON	ALBACORE	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	99	21	2	63	283	5	21
ON BOATS AND SHORE.	5	71	7	86	68	2	28
TOTAL	104	92	9	149	351	7	49
VESSELS, MOTOR.	28	9	1	27	119	2	8
GROSS TONNAGE	806	134	10	458	2,441	15	120
BOATS, MOTOR.	5	31	3	43	34	1	14
GEAR:							
NUMBER.	104	92	9	420	1,377	27	220
HOOKS OR BAITS.	104	184	18	1,680	1,377	27	22,000

ITEM	DIP, BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	TONGS, OYSTER	DIVING OUTFITS, ABALONE	OYSTERS, BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	3	14	-	28	-	749
ON BOATS AND SHORE.	-	9	6	301	6	609
TOTAL	3	23	6	329	6	1,358
VESSELS, MOTOR.	1	6	-	10	-	227
GROSS TONNAGE	32	80	-	173	-	6,740
BOATS, MOTOR.	-	4	3	137	3	298
GEAR, NUMTER.	3	10	6	182	-	-

PACIFIC COAST FISHERIES

SANTA BARBARA DISTRICT OF CALIFORNIA LANDINGS OF CATCH BY GEAR, 1966

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	9,039,300	$88,881	-	-	-	-
BONITO	489,200	19,107	-	-	-	-
CABEZONE	-	-	700	$23	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	173,800	46,866	-	-
SAND DABS	-	-	3,900	340	-	-
"SOLE":						
DOVER	-	-	55,100	3,321	-	-
ENGLISH	-	-	543,800	40,523	-	-
PETRALE	-	-	285,700	37,020	-	-
REX	-	-	122,000	10,348	-	-
SAND	-	-	75,900	9,272	-	-
OTHER	-	-	43,900	3,529	-	-
HAKE	-	-	11,700	233	-	-
LINGCOD	-	-	18,200	1,451	-	-
MACKEREL:						
JACK	6,790,400	221,58[illegible]	-	-	-	-
PACIFIC	545,500	1[illegible],443	-	-	-	-
PERCH	-	-	4,600	[illegible]	-	-
POMPANO	10,000	2,[illegible]	-	-	-	-
ROCKFISHES	-	-	1,860,800	103,46[illegible]	-	-
SABLEFISH	-	-	1,700	11[illegible]	-	-
SARDINE, PACIFIC	107,500	17,428	-	-	-	-
SEA BASS, WHITE	-	-	500	12[illegible]	-	-
SHARKS, UNCLASSIFIED	-	-	3,900	3[illegible]5	-	-
SKATES	-	-	700	5[illegible]	-	-
SMELT	58,400	541	-	-	-	-
TUNA:						
ALBACORE	96,200	1[illegible],441	-	-	-	-
SKIPJACK	1,000	13[illegible]	-	-	-	-
TURBOT	-	-	13,600	543	-	-
UNCLASSIFIED, BAIT AND ANIMAL FOOD	-	-	1,102,900	21,[illegible]	-	-
CRABS:						
DUNGENESS	-	-	400	1[illegible]7	5,500	$2,441
ROCK	-	-	-	-	106,500	6,676
LOBSTER, SPINY	-	-	-	-	123,500	100,161
SHRIMP, OCEAN	-	-	3[illegible],[illegible]00	7,73[illegible]	-	-
OCTOPUS	-	-	100	[illegible]	400	37
SQUID	1,284,600	16,893	800	1[illegible]	-	-
TOTAL	18,422,100	403,481	4,3[illegible]	294,[illegible]	235,[illegible]00	1[illegible],315

SPECIES	GILL AND TRAMMEL NETS		LINES		DIP, BRAIL OR SCOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	5,600	$1,064	400	$[illegible]	-	-
BONITO	-	-	5,100	204	-	-
CABEZONE	-	-	8,100	324	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	94,700	26,819	12,100	3,2[illegible]	-	-
SAND DABS	-	-	2,600	235	-	-
"SOLE":						
ENGLISH	-	-	1,100	87	-	-
PETRALE	-	-	300	3[illegible]	-	-
SAND	-	-	1,500	184	-	-
UNCLASSIFIED	3,900	41[illegible]	2,400	[illegible]	-	-
OTHER	1,500	121	2,000	162	-	-
HAKE	-	-	500	1[illegible]	-	-
KING CROAKER	300	16	-	-	-	-
LINGCOD	-	-	26,200	2,62[illegible]	-	-
PERCH	16,[illegible]00	4,720	-	-	-	-
POMPANO	-	-	2,100	4[illegible]7	-	-
ROCKFISHES	-	-	403,200	2[illegible],2[illegible]1	-	-
SALMON:						
CHINOOK OR KING	-	-	73,100	44,566	-	-
SILVER OR COHO	-	-	10,100	4,232	-	-
SEA BASS:						
BLACK	-	-	1,300	204	-	-
WHITE	201,600	60,480	17,000	5,100	-	-
SHARKS, UNCLASSIFIED	116,100	12,244	5,000	502	-	-
SHEEPSHEAD	-	-	200	1[illegible]	-	-
SKATES	100	[illegible]	-	-	-	-
SMELT	-	-	-	-	11,200	$103
TUNA, ALBACORE	-	-	1,455,000	263,816	-	-
TURBOT	-	-	300	1[illegible]	-	-
YELLOWTAIL	-	-	100	1[illegible]	-	-
SQUID	-	-	-	-	1[illegible],500	257
TOTAL	447,700	105,[illegible]	2,029,700	35[illegible],554	3[illegible],[illegible]00	360

SPECIES	HARPOONS		TONGS AND BY HAND		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH	133,200	$56,2[illegible]	-	-	-	-
ABALONE	-	-	-	-	624,200	$598,284
OYSTERS, PACIFIC	-	-	28,000	$[illegible],44[illegible]	-	-
TOTAL	133,200	56,2[illegible]	28,000	[illegible],44[illegible]	624,200	598,284

SAN PEDRO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1966

ITEM	PURSE SEINES AND LAMPARA NETS					OTTER TRAWLS, FISH
	ANCHOVY	MACKEREL AND SARDINE	TUNA	SQUID	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	95	406	1,374	11	155	-
ON BOATS AND SHORE.	4	18	-	3	4	6
TOTAL	99	424	1,374	14	159	6
VESSELS, MOTOR.	15	51	121	3	20	-
GROSS TONNAGE	686	3,306	35,240	75	1,363	-
BOATS, MOTOR.	9	49	198	1	21	2
GEAR:						
NUMBER.	16	56	121	4	21	2
LENGTH, YARDS	8,085	29,605	90,140	1,625	12,275	-
YARDS AT MOUTH.	-	-	-	-	-	52

ITEM	POTS AND TRAPS, LOBSTER	GILL NETS, DRIFT			TRAMMEL NETS
		BARRACUDA	SEA BASS	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	71	11	75	3	5
ON BOATS AND SHORE.	120	9	73	13	14
TOTAL	191	20	148	16	19
VESSELS, MOTOR.	26	4	26	1	2
GROSS TONNAGE	489	73	412	17	23
BOATS, MOTOR.	60	3	25	5	5
GEAR:					
NUMBER.	7,972	7	51	6	7
SQUARE YARDS.	-	23,600	172,775	21,000	33,400

ITEM	LINES						
	HAND				TROLL		LONG OR SET WITH HOOKS
	ALBACORE	ROCKFISHES	YELLOWFIN AND SKIPJACK	OTHER	ALBACORE	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	521	211	408	50	481	-	30
ON BOATS AND SHORE.	15	95	-	17	64	6	26
TOTAL	536	306	408	67	545	6	56
VESSELS, MOTOR.	94	82	57	20	202	-	11
GROSS TONNAGE	7,174	1,685	6,365	468	4,572	-	217
BOATS, MOTOR...	49	39	44	6	32	3	13
GEAR:							
NUMBER.	510	306	383	67	2,106	27	240
HOOKS OR BAITS.	510	612	383	134	2,106	27	24,000

ITEM	DIP, BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	50	50	31	2,696
ON BOATS AND SHORE.	13	44	114	540
TOTAL	63	94	145	3,236
VESSELS, MOTOR.	18	22	12	518
GROSS TONNAGE	479	378	193	49,171
BOATS, MOTOR.	5	21	48	486
GEAR, NUMBER.	63	43	85	-

PACIFIC COAST FISHERIES

SAN PEDRO DISTRICT OF CALIFORNIA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	36,532,700	$375,974	-	-	-	-
BARRACUDA	56,400	10,044	-	-	-	-
BONITO	17,275,600	685,951	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	38,900	$10,541	-	-
"SOLE":						
DOVER	-	-	200	16	-	-
ENGLISH	-	-	7,600	915	-	-
PETRALE	-	-	1,000	170	-	-
REX	-	-	300	22	-	-
FLYING FISH	17,700	2,101	-	-	-	-
KING CROAKER	189,000	9,996	-	-	-	-
MACKEREL:						
JACK	32,857,200	1,157,148	-	-	-	-
PACIFIC	3,810,700	157,502	-	-	-	-
OPALEYE	4,100	836	-	-	-	-
PERCH	-	-	4,800	892	-	-
POMPANO	24,300	7,734	-	-	-	-
ROCKFISHES	-	-	18,100	2,340	-	-
SARDINE, PACIFIC	742,600	129,618	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	3,100	372	-	-
SHEEPSHEAD	-	-	-	-	1,200	$96
SKATES	-	-	200	5	-	-
SMELT	90,000	3,078	-	-	-	-
TUNA:						
ALBACORE	72,800	13,970	-	-	-	-
BLUEFIN	27,651,500	4,054,616	-	-	-	-
SKIPJACK	30,482,500	4,016,427	-	-	-	-
YELLOWFIN	85,998,100	15,467,894	-	-	-	-
YELLOWTAIL	158,700	17,576	-	-	-	-
UNCLASSIFIED, FOR FOOD	-	-	6,700	330	-	-
CRABS, ROCK	-	-	-	-	207,500	25,399
LOBSTER, SPINY	-	-	-	-	200,200	171,545
SQUID	6,187,500	87,161	-	-	-	-
TOTAL	242,151,400	26,197,626	80,900	15,603	408,900	197,040

SPECIES	GILL AND TRAMMEL NETS		LINES		DIP, BRAIL OR SCOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	192,800	$34,338	38,200	$6,832	-	-
BONITO	-	-	298,400	11,936	-	-
CABRILLA	-	-	8,900	1,334	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	96,500	26,172	112,300	30,433	-	-
SAND DABS	-	-	100	29	-	-
"SOLE":						
ENGLISH	-	-	700	85	-	-
PETRALE	-	-	100	17	-	-
UNCLASSIFIED	-	-	1,000	127	-	-
FLYING FISH	26,200	3,144	-	-	12,500	$1,500
GROUPERS	-	-	185,800	41,801	-	-
HALFMOON	4,500	1,050	4,900	1,145	-	-
KING CROAKER	432,600	22,798	54,400	2,867	-	-
LINGCOD	-	-	2,000	303	-	-
MACKEREL:						
JACK	-	-	200	7	-	-
PACIFIC	200	8	400	16	221,800	8,900
OPALEYE	-	-	9,600	1,960	-	-
PERCH	40,900	7,700	-	-	-	-
POMPANO	-	-	12,600	4,035	-	-
ROCKFISHES	-	-	532,900	75,902	-	-
SALMON, SILVER OR COHO	-	-	100	30	-	-
SCULPIN	-	-	26,500	9,239	-	-
SEA BASS:						
BLACK	72,600	12,876	218,100	38,670	-	-
WHITE	863,500	235,736	75,000	20,475	-	-
SHARKS, UNCLASSIFIED	199,500	26,661	41,000	5,469	-	-
SHEEPSHEAD	-	-	4,600	371	-	-
SKATES	400	10	6,700	172	-	-
SMELT	43,800	1,497	-	-	16,100	562
SWORDFISH	-	-	61,000	29,707	-	-
TUNA:						
ALBACORE	-	-	6,681,400	1,282,426	-	-
BLUEFIN	-	-	79,900	11,713	-	-
SKIPJACK	-	-	5,379,300	708,454	-	-
YELLOWFIN	-	-	7,478,100	1,344,562	-	-
YELLOWTAIL	-	-	52,800	5,861	-	-
UNCLASSIFIED, FOR FOOD	-	-	2,800	166	-	-
SQUID	-	-	-	-	325,700	4,575
TOTAL	1,973,500	371,990	21,369,800	3,636,144	576,100	15,537

SPECIES	HARPOONS		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH	244,200	$118,946	-	-
ABALONE	-	-	238,000	$213,087
TOTAL	244,200	118,946	238,000	213,087

SAN DIEGO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1966

ITEM	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS, LOBSTER, SPINY	GILL NETS, DRIFT		
	MACKEREL AND SARDINE	TUNA		BARRACUDA	SEA BASS	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	12	730	26	3	34	-
ON BOATS AND SHORE	-	-	124	3	27	5
TOTAL	12	730	150	6	61	5
VESSELS, MOTOR	3	61	9	1	11	-
GROSS TONNAGE	106	19,607	277	27	221	-
BOATS, MOTOR	1	110	62	1	9	2
GEAR:						
NUMBER	3	61	6,609	2	20	2
LENGTH, YARDS	1,400	47,450	-	-	-	-
SQUARE YARDS	-	-	-	6,800	66,875	6,800

ITEM	LINES			
	HAND			
	ALBACORE	ROCKFISHES	YELLOWFIN AND SKIPJACK	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	454	90	328	54
ON BOATS AND SHORE	20	98	-	15
TOTAL	474	188	328	69
VESSELS, MOTOR	86	34	44	20
GROSS TONNAGE	6,185	752	5,270	492
BOATS, MOTOR	42	38	35	7
GEAR:				
NUMBER	451	188	305	69
HOOKS OR BAITS	451	376	305	138

ITEM	LINES - CONTINUED			
	TROLL			LONG OR SET WITH HOOKS
	SALMON	ALBACORE	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	2	276	3	16
ON BOATS AND SHORE	2	72	2	20
TOTAL	4	348	5	36
VESSELS, MOTOR	1	116	1	5
GROSS TONNAGE	14	2,339	19	202
BOATS, MOTOR	1	36	1	10
GEAR:				
NUMBER	12	1,368	18	155
HOOKS OR BAITS	48	1,368	18	15,500

ITEM	HARPOONS, SWORDFISH	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	6	19	1,522
ON BOATS AND SHORE	6	81	386
TOTAL	12	100	1,908
VESSELS, MOTOR	2	6	282
GROSS TONNAGE	54	192	28,510
BOATS, MOTOR	3	33	314
GEAR, NUMBER	5	60	-

SAN DIEGO DISTRICT OF CALIFORNIA
LANDINGS OF CATCH BY GEAR, 1966

SPECIES	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	6,400	$1,038	-	-	17,700	$2,871
BONITO.	851,100	34,613	-	-	-	-
FLOUNDERS, CALIFORNIA HALIBUT	-	-	-	-	66,500	17,718
HALFMOON.	100	13	-	-	-	-
KING CROAKER.	1,100	117	-	-	2,500	268
MACKEREL:						
JACK.	15,000	600	-	-	-	-
PACIFIC	47,600	2,470	-	-	400	21
OPALEYE	700	158	-	-	-	-
PERCH	3,300	627	-	-	6,400	1,216
SARDINES, PACIFIC	15,300	2,542	-	-	-	-
SEA BASS:						
BLACK	-	-	-	-	9,300	1,582
WHITE	-	-	-	-	134,300	40,371
SHARKS, UNCLASSIFIED.	-	-	-	-	90,400	10,908
SHEEPSHEAD.	-	-	3,900	$350	-	-
SMELT	600	65	-	-	-	-
TUNA:						
ALBACORE.	13,400	2,528	-	-	-	-
BLUEFIN	6,916,300	1,011,318	-	-	-	-
SKIPJACK.	12,914,100	1,726,301	-	-	-	-
YELLOWFIN	36,129,400	6,355,742	-	-	-	-
YELLOWTAIL.	4,100	390	-	-	-	-
UNCLASSIFIED, FOR FOOD.	-	-	-	-	1,600	152
CRABS, ROCK	-	-	16,200	629	-	-
LOBSTER, SPINY.	-	-	165,400	137,624	-	-
SQUID	300	24	-	-	-	-
TOTAL	56,918,800	9,138,546	185,500	138,603	329,100	75,107

SPECIES	LINES		HARPOONS		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	1,600	$260	-	-	-	-
BONITO.	210,200	8,534	-	-	-	-
CABRILLA.	3,000	519	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT.	84,900	22,609	-	-	-	-
SAND DABS	12,200	3,069	-	-	-	-
"SOLE", UNCLASSIFIED. . . .	8,700	2,136	-	-	-	-
GROUPERS.	65,100	15,256	-	-	-	-
HAKE.	200	18	-	-	-	-
KING CROAKER.	800	85	-	-	-	-
LINGCOD	500	58	-	-	-	-
MACKEREL, PACIFIC	2,900	150	-	-	-	-
OPALEYE	5,000	1,129	-	-	-	-
PERCH	1,600	308	-	-	-	-
ROCKFISHES.	337,600	44,552	-	-	-	-
SALMON, CHINOOK OR KING . . .	300	220	-	-	-	-
SCULPIN	82,000	22,453	-	-	-	-
SEA BASS:						
BLACK	39,600	6,868	-	-	-	-
WHITE	21,800	6,563	-	-	-	-
SHARKS, UNCLASSIFIED.	25,500	3,075	-	-	-	-
SHEEPSHEAD.	6,100	552	-	-	-	-
SWORDFISH	3,300	1,668	26,300	$13,293	-	-
TUNA:						
ALBACORE.	3,808,300	718,782	-	-	-	-
BLUEFIN	61,500	8,991	-	-	-	-
SKIPJACK.	2,283,000	305,008	-	-	-	-
YELLOWFIN	2,306,100	405,643	-	-	-	-
TURBOT.	200	28	-	-	-	-
YELLOWTAIL.	29,500	2,808	-	-	-	-
UNCLASSIFIED, FOR FOOD.	400	38	-	-	-	-
ABALONE	-	-	-	-	127,800	$101,915
TOTAL	9,401,900	1,581,380	26,300	13,293	127,800	101,915

PACIFIC COAST FISHERIES

LANDINGS BY HALIBUT FLEET AT SEATTLE, WASHINGTON

Halibut landings at Seattle were 3.7 million pounds (dressed weight) worth $1.3 million --2.2 million pounds (38 percent) and $700,000 (35 percent) less than in 1965. Halibut landings of 2.2 million pounds from fishing grounds west of Cape Spencer and 1.5 million pounds from grounds south of Cape Spencer declined 1.8 million pounds and 398,000 pounds, respectively, compared with the previous year.

Sablefish landings from fishing grounds off Cape Spencer (278,000 pounds) were 615,000 pounds less than in 1965.

The following tables contain a summary of the landings of dressed halibut and sablefish at Seattle by the U.S. halibut fleet. These data are not directly comparable with the State and sectional tabulations, since the weights in those tables represent the round weight of fish landed.

LANDINGS BY THE HALIBUT FLEET AT SEATTLE, BY FISHING GROUNDS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

FISHING GROUNDS	TRIPS	HALIBUT (DRESSED)					
		CHICKEN		MEDIUM		LARGE	
	NUMBER	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
WEST OF CAPE SPENCER. . . .	37	25	6	1,186	433	872	321
SOUTH OF CAPE SPENCER . . .	75	178	45	1,107	414	164	61
TOTAL.	112	203	51	2,293	847	1,036	382

FISHING GROUNDS	HALIBUT (DRESSED) - CONTINUED				SABLEFISH		TOTAL	
	NO. 2 MEDIUM		NO. 2 LARGE					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
WEST OF CAPE SPENCER. . . .	126	41	12	3	-	-	2,221	804
SOUTH OF CAPE SPENCER . . .	41	14	2	1	278	58	1,770	593
TOTAL.	167	55	14	4	278	58	3,991	1,397

SEE NOTE AT END OF NEXT TABLE.

LANDINGS BY THE HALIBUT FLEET AT SEATTLE, BY MONTHS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

MONTHS	TRIPS	HALIBUT (DRESSED)					
		CHICKEN		MEDIUM		LARGE	
	NUMBER	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MAY	19	29	8	513	177	217	76
JUNE.	19	62	15	353	133	91	30
JULY.	15	35	9	329	128	133	51
AUGUST.	43	76	19	1,022	383	479	180
SEPTEMBER	16	1	(1)	76	26	116	39
TOTAL.	112	203	51	2,293	847	1.036	382

MONTHS	HALIBUT (DRESSED) - CONTINUED				SABLEFISH		TOTAL	
	NO. 2 MEDIUM		NO. 2 LARGE					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MAY	25	8	2	(1)	12	2	798	271
JUNE.	18	6	(1)	(1)	16	3	540	193
JULY.	24	9	(1)	(1)	16	3	537	200
AUGUST.	72	24	6	2	18	4	1,673	612
SEPTEMBER	28	8	6	2	216	46	443	121
TOTAL.	167	55	14	4	278	58	3,991	1,397

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--THE 1966 PACIFIC HALIBUT FISHERY SEASON OPENED ON MARCH 25 IN AREAS 3C, 4C, 4D, AND 4E. AREAS 4C AND 4E CLOSED ON JUNE 20 AND AREAS 3C AND 4D, ON NOVEMBER 15, AREA 4A OPENED ON APRIL 6 AND AREA 4B ON SEPTEMBER 1, FOR A PERIOD OF 9 DAYS EACH. AREA 3B OPENED ON APRIL 18 FOR 10 DAYS AND REOPENED FROM MAY 9 TO NOVEMBER 15. AREAS 1 AND 2 OPENED MAY 9 AND CLOSED AUGUST 25; AREA 3A OPENED MAY 9 AND CLOSED AUGUST 15.

PACIFIC COAST FISHERIES

WHALING, 1966

During the whaling season the Del Monte Fishing Company and the Golden Gate Fishing Company operated their two whaling stations at Point San Pablo, Calif. No whaling stations were operated in Oregon. The whaling season remained the same as in previous years--April 1 to November 30, inclusive, for sperm whales and April 15 to October 15, inclusive, for other whales. The Del Monte Fishing Company, using the catcher boats Allen Cody, Dennis Gayle, and Donna Mae took 122 whales under regular permit. The Golden Gate Company, using the Lynnann and Sioux City, took 30 whales.

Special scientific permit number 1966-1, issued to the Director, Bureau of Commercial Fisheries, Marine Mammal Laboratory, Seattle, Wash. authorized the taking of not more than 50 sperm whales, including lactating and undersized, for scientific purposes. The Del Monte Fishing Company took 22 under this special permit; 3 undersized were taken during the regular season and 19 were taken after the season. Special permit number 1966-2 authorized the taking of not more than 40 gray whales, also for scientific purposes. This permit was amended to increase the number authorized to be taken to 60. The Del Monte Fishing Company took 52 gray whales under this permit, 26 in March and 26 in December.

The whale carcasses (excluding the meat) were taken to the rendering plants in Richmond and San Francisco, Calif., for processing into 2.2 million pounds of meal and 2.1 million pounds of oil. In addition, 2.2 million pounds of meat were processed for use as frozen or canned animal food. The products were valued at $432,000 to the producers--a decline of $196,000 compared with 1965.

WHALE LANDINGS, 1966

MONTH	BOTTLE-NOSE	BRYDES	FIN	GRAY 1/	KILLER	SEI	SPERM 2/	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
MARCH	-	-	-	26	-	-	-	26
APRIL	-	-	-	-	-	-	9	9
MAY	-	-	3	-	-	1	2	6
JUNE	-	-	9	-	-	4	5	18
JULY	-	1	25	-	-	22	-	48
AUGUST	1	1	2	-	-	27	2	33
SEPTEMBER	-	-	3	-	1	5	6	15
OCTOBER	-	-	-	-	-	1	9	10
NOVEMBER	-	-	-	-	-	-	16	16
DECEMBER	-	-	-	26	-	-	19	45
TOTAL	1	2	42	52	1	60	68	226

1/ THE TAKING OF GRAY WHALES WAS AUTHORIZED BY SPECIAL SCIENTIFIC PERMIT NO.-1966-2.

2/ THE TAKING OF 3 UNDERSIZED SPERM WHALES IN NOVEMBER AND 19 SPERM WHALES IN DECEMBER WAS AUTHORIZED BY SPECIAL SCIENTIFIC PERMIT NO.-1966-1.

WHALE PRODUCTS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
MEAL	2,188	131
MEAT	2,227	178
OIL:		
SPERM	551	33
WHALE	1,511	90
TOTAL	6,477	432

NOTE:--TO CONVERT POUNDS OF OIL TO GALLONS, DIVIDE BY 7.75.

PACIFIC COAST FISHERIES

FUR SEAL INDUSTRY OF THE PRIBILOF ISLANDS, 1966

Fur sealing operations on the Pribilof Islands produced 52,866 commercial sealskins--an increase of 1,846 compared with 1965. In addition, 112 sealskins were taken for experimental processing and special collections. Male seals accounted for 52,421 commercial sealskins; the remaining 445 were taken from female seals. Some of the latter were taken inadvertently: according to plan, no female seals were to be harvested in 1966, except for research and experimental purposes.

Classes of male seals taken on the Pribilof Islands, by age group, 1966

Item	St. Paul Island	St. George Island
	Percentage of kill	
By age:		
2-year-olds........	7.5	3.8
3-year-olds........	60.6	53.8
4-year-olds........	28.9	37.3
5-year-olds........	3.0	4.8
6-year-olds........	-	.3
Total..........	100.0	100.0

Note:--The sealing season began July 7 and ended August 5.

Fur seal production on St. George Island was 20 percent of the total harvest--about average for the long term period.

For the fourth consecutive year, sealskin curing operations were under government supervision. Seventy-two men were employed in skin curing and carcass disposal--compared with 76 in the previous year. Of this number, 36 were residents of the Pribilof Islands, 18 were natives of the Aleutian Islands, 15 came from Alaska, and 3 were from the contiguous States. All available qualified Pribilovians were employed in sealing and related work. The number of workers from the Aleutian Islands has gradually declined because of increased opportunity for employment in the expanding king crab fishery. Continuing the practice begun in 1963, incentive awards to boost production were given to top blubberers.

Construction and maintenance on the Pribilof Islands is concentrated in the villages of St. Paul and St. George, but also includes the road system, airstrip, and wells that are outside the villages. All structures are owned by the U.S. Government except for a few privately constructed shelters for week-end use, located near Southwest Point. Changes in ownership will occur as the provisions of the Fur Seal Act of 1966 are put into effect. Within the government, the U.S. Public Health Service will acquire the hospital and clinic. School property and teacher's residences may be transferred to the Alaska Department of Education. The St. George Island population is now 180 persons and the St. Paul Island, 469 persons.

At the ninth meeting of the North Pacific Fur Seal Commission, arrangements were made for the continuation of a joint study of sealskins begun in 1965. Canada and Japan were each to supply 50 skins from seals taken pelagically, and the Union of Soviet Socialist Republics and the United States were each to contribute 50 skins from seals taken on land.

DISTRIBUTION AND TAKE OF SEALSKINS

The fur seal treaty provides that Canada and Japan each receive 15 percent of the skins taken on the Pribilof Islands. The distribution of sealskins follows:

Item	United States	Canada	Japan	Total
	Number	Number	Number	Number
From St. Paul Island......	29,655	6,355	6,355	42,365
From St. George Island....	7,351	1,575	1,575	10,501
Total.............	37,006	7,930	7,930	52,866

Note:--Female skins were barreled with the male skins and all were labeled as males. The standard packing formula used in 1966 was 80 skins per barrel.

Approximately 214 barrels of seal blubber were processed and packed in 1966.

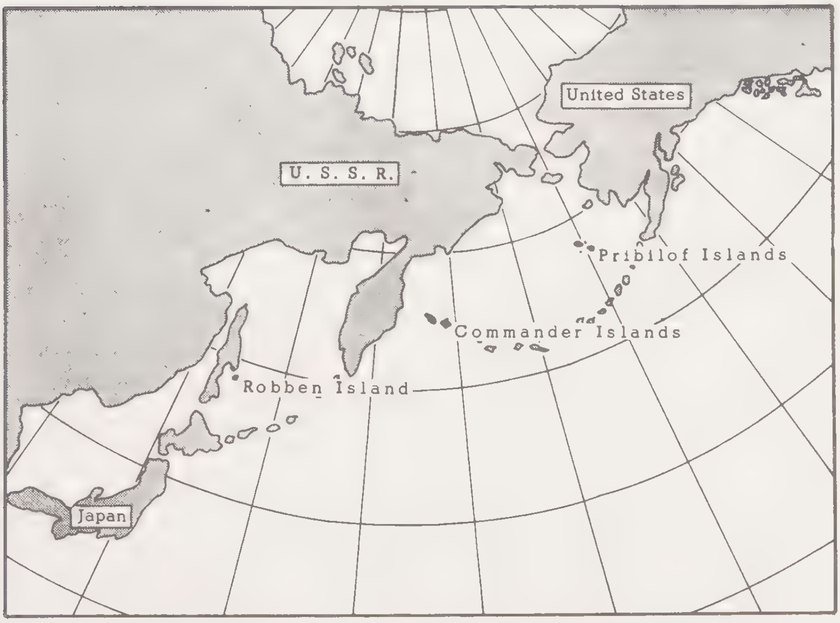
SALE OF SEALSKINS

There were 40,448 fur sealskins sold for the account of the U.S. Government at the two public auctions held in Greenville, S.C. Gross receipts from both 1966 sales were $4,465,600. Offerings consisted of 35,377 conventionally processed skins, 4,105 LAKODA sheared skins, and 966 natural sheared. Proceeds from the sale which took place April 21-22 totaled $2,430,000 and from the sale of October 13-14, $2,035,600.

Distribution of Pribilof Islands Receipts, fiscal year, 1966

Item	Amount
Cost of handling, processing, dyeing, and dressing......	$1,117,078
Cost of administration of Pribilof Islands.............	2,464,095
Payment to the State of Alaska.........................	300,017
Net receipts to the U.S. Government....................	128,579
Total....................................	4,009,769

Note:--Figures shown in the above table are computed on a fiscal year basis. Those quoted in the preceding narrative are on a calendar year basis.



BREEDING GROUNDS OF THE NORTHERN FUR SEALS· ROBBEN ISLAND (KAIHYŌTŌ OR TYULENIY ISLAND) OFF SAKHALIN; THE COMMANDER ISLANDS (BERING ISLAND AND MEDNY OR COPPER ISLAND) AT THE SOVIET END OF THE ALEUTIAN CHAIN; AND THE PRIBILOF ISLANDS--ST. PAUL ISLAND, ST. GEORGE ISLAND, OTTER ISLAND, WALRUS ISLAND, AND SEA LION ROCK.

SECTION 8 - GREAT LAKES FISHERIES

United States and Canadian commercial landings of fresh-water fish from the five Great Lakes, Lake St. Clair, and three of the international lakes of northern Minnesota and Canada were 120.5 million pounds--a gain of 17.7 million compared with the previous year. United States landings of 69.5 million pounds worth $5.9 million increased 13.5 million pounds and $42 200 compared with 1965. Canadian landings of 51.0 million pounds were 4.2 million more than in the previous year.

The increased U.S. production resulted principally from alewife landings of 29.0 million pounds--15.0 million more than in 1965. The rapidly growing alewife fishery accounted for 42 percent of the total U.S. catch from the Great Lakes and international lakes. Small increases also occurred in landings of smelt, suckers, yellow perch, and yellow pike compared with the previous year. However, landings of chubs (10.0 million pounds) and sheepshead (2.2 million pounds) were 928,000 pounds and 1.9 million pounds less, respectively, than in 1965. Wisconsin led in volume of landings with 32.8 million pounds, followed by Michigan, 21.3; Ohio, 10.5; and Minnesota, 3.4 million pounds. Four States, Pennsylvania, New York, Illinois, and Indiana supplied the remaining 1.5 million pounds. The five Great Lakes in order of total production were Michigan, 42.8 million pounds; Erie, 12.7; Superior, 8.3; Huron, 3.8 million pounds; and Ontario, 237,000 pounds. The catch in Lake of the Woods (1.6 million pounds) accounted for 93 percent of the U.S. landings in the boundary lakes.

Fishermen and vessels. Employment and operation of all fishing craft continued to decline in 1966. There were 2,118 fishermen operating 333 vessels (5 net tons or more) and 1,022 other craft in the U.S. commercial fisheries of the Great Lakes--246 fishermen, 42 vessels, and 91 boats less than in the previous year. Vessels operated an average of 94 craft-days--2 days more than in 1965; and other craft averaged 31 craft-days--the same as in the previous year. There were 130,472 fisherman-days and 62,921 craft-days--a decline of 13,590 fisherman-days and 5,565 craft-days compared with 1965.

Fishing effort. Only three fishing gears showed increased use compared with 1965. The 6,742 pound-net lifts were 2,331 lifts greater, and the 7,704 otter-trawl hours were 1,411 hours more than in the previous year. These two gears, used extensively in the rapidly growing alewife fishery, accounted largely for the increased fishing intensity. The 4-to 7-inch mesh gill nets lift increased by 1,978,000 linear yards because of greater effort in the whitefish fishery. Weather, availability of certain species, market conditions, cold storage holdings, and prices all affect the size of the catch and the amount of fishing effort necessary to produce it.

Each gear is designed or can be modified for the capture of certain fish. Generally, an increase or decline in production of these fish is reflected in greater or lesser fishing effort for certain gears. Although the total fishing effort for a gear (as shown in the following tables) cannot be used in determining actual catch-per-unit-effort for any one species, it can act as an indicator of the abundance of certain species. Increased use of a particular gear during the year can indicate that certain fish were more plentiful than usual. An example would be a comparison of the total trawling time for 1965 and 1966 against the total alewife catch by otter trawls. In 1965, otter trawls caught 11,419,600 pounds of alewives. Assuming that it took the total fishing time of 6,293 hours of trawling to produce the catch, the catch-per-unit-effort (CPE) is 1,815 pounds per hour. Using 1966 data, otter trawls were operated 7,704 hours and caught 18,548,200 pounds of alewives for a CPE of 2,408 pounds per hour, or nearly 600 pounds per hour more than in 1965.

U.S. catch by Lake.

Lake Ontario. Landings of 237,000 pounds were 20,000 pounds more than in the previous year. White perch landings were 100,100 pounds in 1966--compared with 16,300 pounds in 1965. However, the 15,300-pound production of yellow perch was 52,200 pounds less than a year earlier.

Lake Erie. Landings of 12.7 million pounds were 6 percent less than in 1965. The major decline was in sheepshead landings of 2.2 million pounds--down 1.9 million compared with the previous year. Declines also occurred in the production of catfish (743,100 pounds) and yellow pike (354,400 pounds) which were 25 and 19 percent less, respectively, compared with 1965. There were increases, however, in landings of white bass, carp, and yellow perch.

Lake Huron. The 3.8 million pounds landed in 1966 were 904,700 pounds less than a year earlier. Carp and chub landings were considerably less than in 1965 and accounted for most of the decline. The yellow pike fishery, once considered of major importance in the lake, continued the downward trend begun in 1945. Landings of 51,400 pounds in 1966 were the smallest on record. However, the catch of yellow perch (1.3 million pounds) increased substantially compared with the previous year.

GREAT LAKES FISHERIES

Lake Michigan. Landings of 42.8 million pounds were 15.8 million (58 percent) greater than in the previous year. The principal increase occurred in the alewife harvest which increased from 14.0 million pounds in 1965 to 29.0 million in 1966--a gain of 107 percent. Alewives comprised 68 percent of the Lake Michigan catch in 1966. Used primarily for processing into fish meal and oil, the average prices paid to fishermen for alewives ranged from .01 cent to .025 cents per pound.

Lake Superior. Production of 8.3 million pounds was 489,900 pounds less than in the previous year--principally because of substantial decreases in landings of chubs, lake herring, and whitefish.

Sea Lamprey control. The Bureau of Commercial Fisheries continued to operate 16 electrical barriers in streams along the south shore of Lake Superior. These devices are used to assess the effectiveness of a selective lampricide being used to control sea lamprey populations. In 1961, the catch of sea lampreys was a record 68,198 individuals but in 1966, only 4,761 lampreys were taken--a decline of 93 percent. Initial stream treatments were completed for Lake Michigan and for 18 streams on Lake Huron.

Research. The four Bureau research vessels, Cisco, Kaho, Musky II, and Siscowet continued operations on the Great Lakes in support of research studies. Increased research on alewives and their influence on other valuable fish stocks has been prompted by their recent population explosion. Research is also being conducted on pesticide concentrations in the Great Lakes. Botulism studies are also continuing.

Other information. Condensed summary data on landings of the Great Lakes Fisheries appearing on the following pages have been previously published in Current Fishery Statistics No. 4601. Seasonal variations in the catch of fish landed in Wisconsin, Ohio, and Michigan can be ascertained from monthly landings bulletins issued currently in cooperation with the fishery departments of these States. Additional specific data on Great Lakes Fisheries may be found in the daily, monthly, and annual reports published by the Bureau's Fishery Market News Service office in Chicago, Ill.

Acknowledgments: The following organizations assisted in the collection of data appearing in this section: Dominion Bureau of Statistics of Canada; Illinois Department of Conservation, Division of Fisheries; Indiana Department of Conservation, Division of Fish and Game, Section of Fish Management; Michigan Department of Conservation, Fish Section, Great Lakes Fisheries; Minnesota Department of Conservation, Division of Game and Fish, Section of Fisheries; New York Conservation Department, Division of Fish and Game; Ohio Department of Natural Resources, Division of Wildlife, Section of Fish Management; Pennsylvania Fish Commission; and the Wisconsin Conservation Department, Fish Management Division.

SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1966

(THOUSANDS OF POUNDS)

SPECIES	LAKE ONTARIO			LAKE ERIE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	[illegible]	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLUE PIKE	(1)	-	(1)	(1)	-	(1)
BOWFIN	1	2	3	-	[illegible]	[illegible]
BUFFALOFISH	-	-	-	1	-	43
BULLHEADS	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BURBOT	(1)	-	(1)		-	
CARP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATFISH	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CRAPPIE	1	-	1	-	-	-
EEL, COMMON	[illegible]	[illegible]	[illegible]	-	(1)	(1)
GARFISH	-	-	-	(1)	-	(1)
GIZZARD SHAD	-	-	-	22	-	22
GOLDFISH	-	-	-	[illegible]	-	[illegible]
LAKE HERRING	[illegible]	[illegible]	[illegible]	(1)	(1)	(1)
LAKE TROUT	-	-	-	(1)	-	(1)
MOONEYE OR GOLDEYE	-	-	-	(1)	-	(1)
PIKE OR PICKEREL	-	22	22	-	[illegible]	[illegible]
ROCK BASS			[illegible]	(1)	[illegible]	[illegible]
SAUGER	-	-	-	(1)	-	(1)
SHEEPSHEAD	(1)	2	[illegible]	[illegible]	[illegible]	[illegible]
SMELT	(1)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
STURGEON, COMMON	(1)	2	2	(1)	[illegible]	[illegible]
SUCKERS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SUNFISH	2	[illegible]	[illegible]	-	2	2
WHITE BASS	[illegible]	[illegible]	[illegible]	1,222	[illegible]	[illegible]
WHITEFISH, COMMON	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHITE PERCH	[illegible]	172	272	-	-	-
YELLOW PERCH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
YELLOW PIKE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
UNCLASSIFIED, FOR ANIMAL FOOD	-	[illegible]	[illegible]	-	741	[illegible]
TOTAL	[illegible]	[illegible]	[illegible]	12,698	41,426	[illegible]

SPECIES	LAKE HURON			LAKE MICHIGAN	LAKE SUPERIOR		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES	[illegible]	-	4	29,004	(1)	-	(1)
BOWFIN		-	1	-	-	-	-
BULLHEADS		-	1	[illegible]	(1)	-	(1)
BURBOT	-	-	-	1	4	[illegible]	
CARP	[illegible]	[illegible]	[illegible]	[illegible]	(1)	-	(1)
CATFISH	[illegible]	[illegible]	[illegible]	(1)	(1)	-	(1)
CHUBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CRAPPIE		-	[illegible]	-	-	-	-
GARFISH	-	-	-	(1)	-	-	-
GIZZARD SHAD		-		-	-	-	-
LAKE HERRING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LAKE TROUT	-	(1)	(1)	(1)	120	[illegible]	[illegible]
PIKE OR PICKEREL	[illegible]	28	30	[illegible]	(1)	[illegible]	[illegible]
QUILLBACK	[illegible]	-	[illegible]	-	-	-	-
ROCK BASS	[illegible]	[illegible]	[illegible]	(1)	-	-	-
SAUGER	-	(1)	(1)	(1)	[illegible]	8	[illegible]
SHEEPSHEAD	[illegible]	[illegible]	102	(1)	-	-	-
SMELT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]
STURGEON, COMMON	(1)	[illegible]	[illegible]	2	[illegible]		2
SUCKERS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHITE BASS	[illegible]	-	[illegible]	-	-	-	-
WHITEFISH:							
COMMON	172	579	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MENOMINEE	12	47	[illegible]	[illegible]	22	8	[illegible]
YELLOW PERCH	[illegible]	231	[illegible]	[illegible]	8	9	[illegible]
YELLOW PIKE	[illegible]	278	330	[illegible]	1	[illegible]	[illegible]
UNCLASSIFIED, FOR ANIMAL FOOD	-	396	[illegible]	-	-	19	19
TOTAL	[illegible]	2,917	6,686	[illegible]	8,258	1,846	10,104

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

GREAT LAKES FISHERIES

SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1966 - Continued

(THOUSANDS OF POUNDS)

SPECIES	TOTAL, GREAT LAKES			LAKE ST. CLAIR	LAKE OF THE WOODS		
	UNITED STATES	CANADA	TOTAL	CANADA	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES	29,008	-	29,008	-	-	-	-
BLUE PIKE	(1)	-	(1)	-	-	-	-
BOWFIN	2	10	12	1	-	-	-
BUFFALOFISH	43	-	43	-	(1)	-	(1)
BULLHEADS	94	105	199	9	5	56	61
BURBOT	17	3	20	-	63	145	208
CARP	7,263	462	7,725	326	-	-	-
CATFISH	910	209	1,119	48	-	-	-
CHUBS	9,992	950	10,942	-	-	-	-
CRAPPIE	2	-	2	-	-	-	-
EEL, COMMON	35	143	178	-	-	-	-
GARFISH	(1)	-	(1)	-	-	-	-
GIZZARD SHAD	23	-	23	-	-	-	-
GOLDFISH	135	-	135	-	-	-	-
LAKE HERRING	4,576	1,178	5,754	-	-	-	-
LAKE TROUT	120	108	228	-	-	2	2
MOONEYE OR GOLDEYE	(1)	-	(1)	-	(1)	-	(1)
PIKE OR PICKEREL	35	54	89	14	64	300	364
QUILLBACK	20	-	20	-	3	-	3
ROCK BASS	11	98	109	63	-	82	82
SAUGER	4	8	12	(1)	27	29	56
SHEEPSHEAD	2,173	1,046	3,219	11	-	-	-
SMELT	2,414	16,056	18,470	-	-	-	-
STURGEON, COMMON	3	24	27	11	-	(1)	(1)
SUCKERS	941	317	1,258	67	197	329	526
SUNFISH	12	128	140	43	-	-	-
TULLIBEE	-	-	-	-	922	167	1,089
WHITE BASS	1,224	1,783	3,007	20	-	-	-
WHITEFISH:							
COMMON	1,940	776	2,716	-	(1)	69	69
MENOMINEE	53	55	108	-	-	2	2
WHITE PERCH	100	172	272	-	-	-	-
YELLOW PERCH	6,141	21,092	27,233	36	23	18	41
YELLOW PIKE	435	1,690	2,125	249	305	505	810
UNCLASSIFIED, FOR ANIMAL FOOD	-	1,346	1,346	41	-	63	63
TOTAL	67,726	47,813	115,539	939	1,609	1,767	3,376

SPECIES	NAMAKAN LAKE	RAINY LAKE		
	UNITED STATES	UNITED STATES	CANADA	TOTA
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BURBOT	3	10	29	39
PIKE OR PICKEREL	-	9	127	136
ROCK BASS	-	-	5	5
SAUGER	-	-	1	1
STURGEON, COMMON	-	-	1	1
SUCKERS	6	26	118	[illegible]
TULLIBEE	5	13	39	52
WHITEFISH, COMMON	16	15	23	38
YELLOW PERCH	-	(1)	1	1
YELLOW PIKE	-	12	87	99
UNCLASSIFIED, FOR ANIMAL FOOD	-	-	64	64
TOTAL	30	85	495	58

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF UNITED STATES AND CANADIAN LANDINGS, 1966 - Continued

(THOUSANDS OF POUNDS)

SPECIES	TOTAL, INTERNATIONAL LAKES			GRAND TOTAL, ALL LAKES		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES	-	-	-	29,008	-	29,008
BLUE PIKE	-	-	-	(1)	-	(1)
BOWFIN	-	1	1	2	11	13
BUFFALOFISH	(1)	-	(1)	43	-	43
BULLHEADS	5	65	70	99	170	269
BURBOT	76	174	250	93	177	270
CARP	-	326	326	7,263	788	8,051
CATFISH	-	48	48	910	257	1,167
CHUBS	-	-	-	9,992	950	10,942
CRAPPIE	-	-	-	2	-	2
EEL, COMMON	-	-	-	35	143	178
GARFISH	-	-	-	(1)	-	(1)
GIZZARD SHAD	-	-	-	23	-	23
GOLDFISH	-	-	-	135	-	135
LAKE HERRING	-	-	-	4,576	1,178	5,754
LAKE TROUT	-	2	2	120	110	230
MOONEYE OR GOLDEYE	(1)	-	(1)	(1)	-	(1)
PIKE OR PICKEREL	73	441	514	108	495	603
QUILLBACK	3	-	3	23	-	23
ROCK BASS	-	150	150	11	248	259
SAUGER	27	30	57	31	38	69
SHEEPSHEAD	-	11	11	2,173	1,057	3,230
SMELT	-	-	-	2,414	16,056	18,470
STURGEON, COMMON	-	12	12	3	36	39
SUCKERS	229	514	743	1,170	831	2,001
SUNFISH	-	43	43	12	171	183
TULLIBEE	940	206	1,146	940	206	1,146
WHITE BASS	-	20	20	1,224	1,803	3,027
WHITEFISH:						
COMMON	31	92	123	1,971	868	2,839
MENOMINEE	-	2	2	53	57	110
WHITE PERCH	-	-	-	100	172	272
YELLOW PERCH	23	55	78	6,164	21,147	27,311
YELLOW PIKE	317	841	1,158	752	2,531	3,283
UNCLASSIFIED, FOR ANIMAL FOOD	-	168	168	-	1,514	1,514
TOTAL	1,724	3,201	4,925	69,450	51,014	120,464

1/ LESS THAN 500 POUNDS.

NOTE:--IN CANADA THE LANDINGS OF CRAPPIES HAVE BEEN INCLUDED WITH ROCK BASS.

* * *

SUMMARY OF U.S. LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	TOTAL	
	QUANTITY	VALUE
NEW YORK	457	118
PENNSYLVANIA	573	71
OHIO	10,516	943
MICHIGAN	21,284	2,568
INDIANA	87	10
ILLINOIS	302	58
WISCONSIN	32,822	1,838
MINNESOTA	3,409	269
TOTAL	69,450	5,875

SECTIONAL SUMMARIES

SUMMARY OF U. S. OPERATING UNITS AND FISHING EFFORT, BY LAKES, 1966

ITEM	LAKE ONTARIO	LAKE ERIE	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR	INTER-NATIONAL LAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS:							
REGULAR	-	27	3	114	44	-	197
PART-TIME	2	56	53	144	64	-	298
CASUAL	-	58	38	101	70	-	236
ON BOATS AND SHORE:							
REGULAR	-	-	3	-	18	3	24
PART-TIME	-	92	72	77	72	36	349
CASUAL	48	270	134	322	207	33	1,014
TOTAL FISHERMEN	50	503	303	758	475	72	2,118
VESSELS, MOTOR:							
REGULAR	-	9	1	38	15	-	66
PART-TIME	1	28	25	71	32	-	149
CASUAL	-	29	19	50	35	-	118
TOTAL VESSELS	1	66	45	159	82	-	333
TOTAL GROSS TONNAGE	10	876	775	3,483	1,423	-	6,199
BOATS:							
MOTOR:							
REGULAR	-	-	1	-	6	1	8
PART-TIME	-	46	36	40	36	18	176
CASUAL	22	212	99	212	174	21	740
TOTAL MOTOR BOATS	22	258	136	252	216	40	924
OTHER:							
PART-TIME	-	15	3	7	-	-	25
CASUAL	8	45	10	9	1	-	73
TOTAL OTHER BOATS	8	60	13	16	1	-	98
DAYS OPERATED:							
FISHERMEN:							
ON VESSELS	266	11,725	6,697	40,909	16,236	-	[illegible]
ON BOATS AND SHORE	928	12,484	9,782	12,401	13,763	5,279	[illegible]
TOTAL FISHERMEN DAYS	1,194	24,209	16,479	53,310	30,001	5,279	130,472
CRAFT:							
VESSELS	133	5,041	3,090	16,218	6,909	-	[illegible]
BOATS, MOTOR	484	7,355	5,463	7,709	7,820	[illegible]	[illegible]
TOTAL CRAFT DAYS	617	12,396	8,553	23,927	14,729	[illegible]	[illegible]
FISHING EFFORT:							
LIFTS:							
POUND NETS	-	-	92	5,033	1,463	154	6,742
TRAP NETS	1,389	18,894	9,726	1,518	1,072	2,127	34,726
FYKE AND HOOP NETS	370	597	290	6,403	44	[illegible]	[illegible]
LIFTS PER 1,000 LINEAR YARDS:							
HAUL SEINES	1	2,641	118	174	[illegible]	-	[illegible]
GILL NETS:							
1-1/4 - 2 INCH MESH	-	-	(1)	355	219	-	574
2-1/8 - 3-7/8 INCH MESH	80	7,192	9,020	41,517	15,950	-	73,759
4 - 7 INCH MESH	386	1,430	2,059	13,735	6,394	2,431	26,435
7-1/8 - 14 INCH MESH	4	51	657	203	[illegible]	-	921
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET	-	1,518	1,138	10	-	-	2,666
HOURS TRAWLED	-	75	-	7,421	208	-	7,704
DAYS FISHED, DIP NETS	-	4	-	-	-	-	4

1/ LESS THAN 500 LINEAR YARDS.

NOTE:--THE NUMBER OF DAYS INDICATES THAT FISHING OCCURRED REGARDLESS OF THE AMOUNT OF TIME FISHED DURING A DAY. THE NUMBER OF FISHERMEN AND CRAFT OPERATING AS REGULAR, PART-TIME, AND CASUAL IS BASED ON DAYS OF OPERATION AS FOLLOWS: REGULAR--MORE THAN 161 DAYS, PART-TIME 54 TO 161 DAYS (INCLUSIVE), AND CASUAL--LESS THAN 54 DAYS.

GREAT LAKES FISHERIES

SUMMARY OF U. S. OPERATING UNITS AND FISHING EFFORT, BY STATES, 1966

ITEM	NEW YORK	PENNSYLVANIA	OHIO	MICHIGAN	INDIANA	ILLINOIS	WISCONSIN	MINNESOTA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:									
ON VESSELS:									
REGULAR	3	9	9	78	-	-	81	2	197
PART-TIME	6	5	48	168	2	4	88	4	296
CASUAL.	6	8	48	135	-	-	66	-	236
ON BOATS AND SHORE:									
REGULAR	-	-	-	9	-	-	-	15	24
PART-TIME	-	6	80	134	3	-	48	78	349
CASUAL.	59	6	235	462	5	1	169	77	1,014
TOTAL FISHERMEN. . . .	74	34	420	986	10	5	452	176	2,118
VESSELS, MOTOR:									
REGULAR	1	3	3	26	-	-	27	1	66
PART-TIME	3	2	23	83	1	2	42	2	149
CASUAL.	3	3	24	67	-	-	33	-	118
TOTAL VESSELS.	7	8	50	176	1	2	102	3	333
TOTAL GROSS TONNAGE. .	90	97	687	3,349	10	74	2,172	44	6,199
BOATS:									
MOTOR:									
REGULAR	-	-	-	3	-	-	-	5	8
PART-TIME	-	3	40	67	3	-	24	39	176
CASUAL.	31	5	187	363	2	1	89	62	740
TOTAL MOTOR BOATS. . .	31	8	227	433	5	1	113	106	924
OTHER:									
PART-TIME	-	-	13	5	-	-	7	-	25
CASUAL.	10	1	36	18	-	-	8	-	73
TOTAL OTHER BOATS. . .	10	1	49	23	-	-	15	-	98
DAYS OPERATED:									
FISHERMEN:									
ON VESSELS.	1,357	2,150	7,680	34,763	280	416	28,629	560	75,835
ON BOATS AND SHORE. . .	1,008	573	11,006	22,214	428	15	6,700	12,693	54,637
TOTAL FISHERMEN DAYS .	2,365	2,723	18,686	56,977	708	431	35,329	13,253	130,472
CRAFT:									
VESSELS	587	766	3,419	14,867	140	258	11,074	280	31,391
BOATS, MOTOR.	564	318	6,498	13,281	304	15	4,161	6,389	31,530
TOTAL CRAFT DAYS . . .	1,151	1,084	9,917	28,148	444	273	15,235	6,669	62,921
FISHING EFFORT:									
LIFTS:									
POUND NETS.	-	-	-	3,523	-	-	2,844	375	6,742
TRAP NETS	1,389	-	16,152	15,057	-	-	1	2,127	34,726
FYKE AND HOOP NETS. . .	370	-	405	526	-	-	6,403	932	8,636
LIFTS PER 1,000 LINEAR YARDS:									
HAUL SEINES	1	-	2,431	330	-	-	174	-	2,936
GILL NETS:									
1-1/4 - 2 INCH MESH .	-	-	-	287	-	-	287	-	574
2-1/8 - 3-7/8 INCH MESH	1,111	2,643	3,515	34,529	960	2,041	26,577	2,383	73,759
4 - 7 INCH MESH . . .	742	208	846	18,352	-	-	3,476	2,811	26,435
7-1/8 - 14 INCH MESH.	4	-	51	665	-	-	201	-	921
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET . . .	-	-	1,506	1,160	-	-	-	-	2,666
HOURS TRAWLED	-	3	72	1,734	-	-	5,895	-	7,704
DAYS FISHED, DIP NETS . .	-	-	4	-	-	-	-	-	4

SEE NOTE ON PAGE 381.

SUMMARY OF U. S. OPERATING UNITS AND FISHING EFFORT, BY STATES AND LAKES, 1966

ITEM	NEW YORK		PENNSYLVANIA	OHIO	MICHIGAN			
	LAKE ONTARIO	LAKE ERIE	LAKE ERIE	LAKE ERIE	LAKE ERIE	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS:								
REGULAR	-	3	9	9	-	3	36	30
PART-TIME	2	4	5	48	8	51	83	45
CASUAL	-	6	8	48	6	40	76	38
ON BOATS AND SHORE:								
REGULAR	-	-	-	-	-	3	-	6
PART-TIME	-	-	6	80	6	72	28	28
CASUAL	48	11	6	235	18	134	180	130
TOTAL FISHERMEN	50	24	34	420	38	303	403	277
VESSELS, MOTOR:								
REGULAR	-	1	3	3	-	1	12	10
PART-TIME	1	2	2	23	4	24	40	22
CASUAL	-	3	3	24	3	20	37	19
TOTAL VESSELS	1	6	8	50	7	45	89	51
TOTAL GROSS TONNAGE	10	80	97	687	74	775	1,885	4,595
BOATS:								
MOTOR:								
REGULAR	-	-	-	-	-	1	-	2
PART-TIME	-	-	3	40	3	36	14	14
CASUAL	22	9	5	187	11	99	134	119
TOTAL MOTOR BOATS	22	9	8	227	14	136	148	135
OTHER:								
PART-TIME	-	-	-	13	2	3	-	-
CASUAL	8	2	1	36	6	10	1	1
TOTAL OTHER BOATS	8	2	1	49	8	13	1	1
DAYS OPERATED:								
FISHERMEN:								
ON VESSELS	266	1,091	2,150	7,680	804	6,697	16,119	11,143
ON BOATS AND SHORE	928	80	573	11,006	825	9,782	5,819	5,788
TOTAL FISHERMEN DAYS	1,194	1,171	2,723	18,686	1,629	16,479	21,938	16,931
CRAFT:								
VESSELS	133	454	766	3,419	402	3,090	6,780	4,595
BOATS, MOTOR	484	80	318	6,498	459	5,463	3,658	3,701
TOTAL CRAFT DAYS	617	534	1,084	9,917	861	8,553	10,438	8,296
FISHING EFFORT:								
LIFTS:								
POUND NETS	-	-	-	-	-	92	2,640	791
TRAP NETS	1,389	-	-	16,152	2,742	9,726	1,517	1,072
FYKE AND HOOP NETS	370	-	-	405	192	290	-	44
LIFTS PER 1,000 LINEAR YARDS:								
HAUL SEINES	1	-	-	2,431	210	118	-	2
GILL NETS:								
1-1/4 - 2 INCH MESH	-	-	-	-	-	(1)	156	131
2-1/8 - 3-7/8 INCH MESH	80	1,031	2,643	3,515	3	9,020	15,194	10,312
4 - 7 INCH MESH	386	356	208	846	20	2,059	11,496	4,777
7-1/8 - 14 INCH MESH	4	-	-	51	-	657	2	6
LIFTS PER 1,000 HOOKS, LINES, LONG OR SET	-	-	-	1,506	12	1,138	10	-
HOURS TRAWLED	-	-	3	72	-	-	1,526	208
DAYS FISHED, DIP NETS	-	-	-	4	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF U. S. OPERATING UNITS AND FISHING EFFORT, BY STATES AND LAKES, 1966 - Continued

ITEM	INDIANA	ILLINOIS	WISCONSIN		MINNESOTA	
	LAKE MICHIGAN	LAKE MICHIGAN	LAKE MICHIGAN	LAKE SUPERIOR	LAKE SUPERIOR	INTER-NATIONAL LAKES
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS:						
REGULAR	-	-	72	9	2	-
PART-TIME	2	4	67	21	4	-
CASUAL.	-	-	36	32	-	-
ON BOATS AND SHORE:						
REGULAR	-	-	-	-	12	3
PART-TIME	3	-	46	2	42	36
CASUAL.	5	1	136	33	44	33
TOTAL FISHERMEN. . . .	10	5	357	97	104	72
VESSELS, MOTOR:						
REGULAR	-	-	24	3	1	-
PART-TIME	1	2	32	10	2	-
CASUAL.	-	-	18	16	-	-
TOTAL VESSELS.	1	2	74	29	3	-
TOTAL GROSS TONNAGE. .	10	74	1,707	506	44	-
BOATS:						
MOTOR:						
REGULAR	-	-	-	-	4	1
PART-TIME	3	-	23	1	21	18
CASUAL.	2	1	75	14	41	21
TOTAL MOTOR BOATS. . .	5	1	98	15	66	40
OTHER:						
PART-TIME	-	-	7	-	-	-
CASUAL.	-	-	8	-	-	-
TOTAL OTHER BOATS. . .	-	-	15	-	-	-
DAYS OPERATED:						
FISHERMEN:						
ON VESSELS.	280	416	24,094	4,535	560	-
ON BOATS AND SHORE. . .	428	15	6,139	561	7,414	5,279
TOTAL FISHERMEN DAYS .	708	431	30,233	5,096	7,974	5.279
CRAFT:						
VESSELS	140	258	9,040	2,034	280	-
BOATS, MOTOR.	304	15	3,732	429	3,690	2.699
TOTAL CRAFT DAYS . . .	444	273	12,772	2,463	3.970	2.699
FISHING EFFORT:						
LIFTS:						
POUND NETS.	-	-	2,393	451	221	154
TRAP NETS	-	-	1	-	-	2,127
FYKE AND HOOP NETS. . .	-	-	6,403	-	-	932
LIFTS PER 1,000 LINEAR YARDS:						
HAUL SEINES	-	-	174	-	-	-
GILL NETS:						
1-1/4 - 2 INCH MESH .	-	-	199	88	-	-
2-1/8 - 3-7/8 INCH MESH	960	2,041	23,322	3,255	2,383	-
4 - 7 INCH MESH . . .	-	-	2,239	1,237	380	2,431
7-1/8 - 14 INCH MESH.	-	-	201	-	-	-
HOURS TRAWLED	-	-	5,895	-	-	-

1/ LESS THAN 500 LINEAR YARDS.

SEE NOTE ON PAGE 381.

LANDINGS BY STATES, 1966

SPECIES	NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	(1)	$4	100	$76	100	$39
BOWFIN	1,500	55	-	-	-	-
BUFFALOFISH	-	-	-	-	32,700	3,465
BULLHEADS	27,400	8,232	100	14	54,600	7,483
BURBOT	(1)	2	(1)	(1)	3,000	245
CARP	15,300	490	-	-	2,773,000	77,644
CATFISH	1,000	212	100	15	711,100	177,769
CRAPPIE	1,300	161	-	-	-	-
EEL, COMMON	35,300	8,791	-	-	-	-
GIZZARD SHAD	-	-	-	-	21,200	425
GOLDFISH	-	-	-	-	135,000	4,050
LAKE HERRING	2,800	1,104	(1)	5	100	106
LAKE TROUT	-	-	-	-	(1)	19
MOONEYE OR GOLDEYE	-	-	-	-	(1)	1
ROCK BASS	7,700	537	-	-	-	-
SAUGER	-	-	-	-	(1)	3
SHEEPSHEAD	2,600	101	1,100	26	2,058,100	43,220
SMELT	200	16	200	15	8,500	815
STURGEON, COMMON	100	160	-	-	300	464
SUCKERS	12,700	380	200	3	139,900	2,938
SUNFISH	12,400	1,235	-	-	-	-
WHITE BASS	4,000	598	1,900	253	1,151,200	177,285
WHITEFISH, COMMON	2,200	1,129	600	296	2,300	1,366
WHITE PERCH	100,100	35,035	-	-	-	-
YELLOW PERCH	120,600	15,828	559,100	65,975	3,261,800	368,587
YELLOW PIKE	109,800	44,336	9,600	3,978	162,800	76,688
TOTAL	457,000	118,406	573,000	70,656	10,515,700	942,612

SPECIES	MICHIGAN		INDIANA		ILLINOIS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	6,442,700	$96,641	2,000	$50	-	-
BOWFIN	600	23	-	-	-	-
BUFFALOFISH	10,100	1,505	-	-	-	-
BULLHEADS	3,200	434	-	-	-	-
BURBOT	2,100	143	-	-	-	-
CARP	1,762,500	74,658	1,000	30	-	-
CATFISH	197,500	60,250	-	-	-	-
CHUBS	3,902,500	687,594	-	-	269,800	$52,315
CRAPPIE	900	265	-	-	-	-
GARFISH	300	3	-	-	-	-
GIZZARD SHAD	1,700	23	-	-	-	-
LAKE HERRING	3,375,800	345,143	-	-	2,200	278
LAKE TROUT	65,800	45,646	-	-	-	-
PIKE OR PICKEREL	2,200	574	-	-	-	-
QUILLBACK	19,900	577	-	-	-	-
ROCK BASS	3,000	622	-	-	-	-
SAUGER	3,600	158	-	-	-	-
SHEEPSHEAD	111,000	4,398	-	-	-	-
SMELT	1,140,200	43,100	-	-	-	-
STURGEON, COMMON	2,500	2,349	-	-	-	-
SUCKERS	393,000	17,075	1,500	45	-	-
WHITE BASS	66,500	11,844	-	-	-	-
WHITEFISH:						
COMMON	1,744,200	869,383	-	-	-	-
MENOMINEE	40,900	11,309	-	-	-	-
YELLOW PERCH	1,849,500	222,528	82,100	9,851	30,500	5,089
YELLOW PIKE	141,700	71,706	-	-	-	-
TOTAL	21,283,900	2,567,951	86,600	9,976	302,500	57,682

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	22,563,600	$338,455	-	-	29,008,300	$435,146
BLUE PIKE	-	-	-	-	200	119
BOWFIN	-	-	-	-	2,100	78
BUFFALOFISH	-	-	100	$4	42,900	4,974
BULLHEADS	9,100	729	4,600	300	99,000	17,192

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT	12,000	$487	76,300	$2,903	93,400	$3,780
CARP	2,711,200	54,223	-	-	7,263,000	207,045
CATFISH	200	43	-	-	909,900	238,289
CHUBS	5,574,900	1,115,146	244,400	21,990	9,991,600	1,877,045
CRAPPIE	-	-	-	-	2,200	426
EEL, COMMON	-	-	-	-	35,300	8,791
GARFISH	-	-	-	-	300	3
GIZZARD SHAD	-	-	-	-	22,900	448
GOLDFISH	-	-	-	-	135,000	4,050
LAKE HERRING	628,100	82,056	567.400	52,410	4,576,400	481,102
LAKE TROUT	48,800	30,749	5,000	3,185	119,600	79,599
MOONEYE OR GOLDEYE	-	-	-	-	(1)	1
PIKE OR PICKEREL	32,800	3,948	72,600	5,400	107,600	9,922
QUILLBACK	-	-	3,800	57	23,700	634
ROCK BASS	-	-	-	-	10,700	1,159
SAUGER	-	-	27,300	5,400	30,900	5,561
SHEEPSHEAD	-	-	-	-	2,172,800	47,745
SMELT	401,900	50,998	862,900	17,250	2,413,900	112,194
STURGEON, COMMON	-	-	-	-	2,900	2,973
SUCKERS	393,600	12,352	228,800	4,877	1,169,700	37,670
SUNFISH	-	-	-	-	12,400	1,235
TULLIBEE	-	-	939,500	28,200	939,500	28,200
WHITE BASS	-	-	-	-	1,223,600	189,980
WHITEFISH:						
COMMON	188,600	99,943	33,800	10,065	1,971,700	982,182
MENOMINEE	9,200	1,126	2,800	500	52,900	12,935
WHITE PERCH	-	-	-	-	100,100	35,035
YELLOW PERCH	237,600	42,775	22,900	2.508	6,164,100	733,141
YELLOW PIKE	10,900	4,573	317,000	114,500	751,800	315,781
TOTAL	32,822,500	1,837,603	3,409,200	269,549	69,450,400	5,874,435

1/ LESS THAN 50 POUNDS OR 50 CENTS.

LANDINGS BY LAKES AND STATES, 1966

SPECIES	LAKE ONTARIO		LAKE ERIE					
	NEW YORK		NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	(1)	$4	-	-	100	$76	100	$39
BOWFIN	1,500	55	-	-	-	-	-	-
BUFFALOFISH	-	-	-	-	-	-	32,700	3,465
BULLHEADS	27,400	8,232	-	-	100	14	54,600	7,483
BURBOT	(1)	2	-	-	(1)	(1)	3,000	245
CARP	15,200	488	100	$2	-	-	2,773,000	77,644
CATFISH	600	123	400	89	100	15	711,100	177,769
GIZZARD SHAD	-	-	-	-	-	-	21,200	425
GOLDFISH	-	-	-	-	-	-	135,000	4,050
CRAPPIE	1,300	161	-	-	-	-	-	-
EEL, COMMON	35,300	8,791	-	-	-	-	-	-
LAKE HERRING	2,800	1,103	(1)	1	(1)	5	100	106
LAKE TROUT	-	-	-	-	-	-	(1)	19
MOONEYE OR GOLDEYE	-	-	-	-	-	-	(1)	1
ROCK BASS	7,500	526	200	11	-	-	-	-
SAUGER	-	-	-	-	-	-	(1)	3
SHEEPSHEAD	100	3	2,500	98	1,100	26	2,058,100	43,220
SMELT	200	16	-	-	200	15	8,500	815
STURGEON, COMMON	100	160	-	-	-	-	300	464
SUCKERS	10,400	312	2,300	68	200	3	139,900	2,938
SUNFISH	12,400	1,235	-	-	-	-	-	-
WHITE BASS	900	130	3,100	468	1,900	253	1,151,200	177,285
WHITEFISH, COMMON	2,200	1,111	(1)	18	600	296	2,300	1,366
WHITE PERCH	100,100	35,035	-	-	-	-	-	-
YELLOW PERCH	15,300	2,137	105,300	13,691	559,100	65,975	3,261,800	368,587
YELLOW PIKE	3,900	1,964	105,900	42,372	9,600	3,978	162,800	76,688
TOTAL	237,200	61,588	219,800	56,818	573,000	70,656	10,515,700	942,612

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKES AND STATES, 1966 - Continued

SPECIES	LAKE ERIE - CONTINUED				LAKE HURON		LAKE MICHIGAN	
	MICHIGAN		TOTAL		MICHIGAN		MICHIGAN	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	4,200	$63	6,438,200	$96,573
BLUE PIKE	-	-	200	$115	-	-	-	-
BOWFIN	-	-	-	-	600	23	-	-
BUFFALOFISH	10,100	$1,505	42,800	$4,970	-	-	-	-
BULLHEADS	1,800	220	56,500	7,717	1,400	214	-	-
BURBOT	-	-	3,000	245	-	-	400	34
CARP	928,700	29,716	3,701,800	107,362	831,500	44,901	2,200	40
CATFISH	31,500	8,946	743,100	186,819	166,000	51,293	(1)	11
CHUBS	-	-	-	-	807,300	156,616	2,313,000	413,299
CRAPPIE	-	-	-	-	900	265	-	-
GARFISH	300	3	300	3	-	-	(1)	(1)
GIZZARD SHAD	500	10	21,700	435	1,200	13	-	-
GOLDFISH	-	-	135,000	4,050	-	-	-	-
LAKE HERRING	-	-	100	112	16,400	2,499	27,100	3,744
LAKE TROUT	-	-	(1)	19	-	-	-	-
MOONEYE OR GOLDEYE	-	-	(1)	1	-	-	-	-
PIKE OR PICKEREL	-	-	-	-	1,500	479	600	76
QUILLBACK	-	-	-	-	19,900	577	-	-
ROCK BASS	100	21	300	32	2,900	600	(1)	1
SAUGER	-	-	(1)	3	-	-	100	6
SHEEPSHEAD	93,800	3,470	2,155,500	46,814	17,200	927	(1)	1
SMELT	-	-	8,700	830	29,800	1,491	1,017,600	32,062
STURGEON, COMMON	-	-	300	464	400	449	1,600	1,431
SUCKERS	44,200	1,150	186,600	4,159	313,300	13,474	23,000	1,611
WHITE BASS	65,300	11,625	1,221,500	189,631	1,200	219	-	-
WHITEFISH:								
COMMON	(1)	26	2,900	1,706	171,700	94,124	1,280,200	620,893
MENOMINEE	-	-	-	-	11,900	2,940	18,500	6,591
YELLOW PERCH	136,800	14,632	4,063,000	462,885	1,318,100	150,259	386,100	56,751
YELLOW PIKE	76,100	37,137	354,400	160,175	51,400	27,854	13,600	6,436
TOTAL	1,389,200	108,461	12,697,700	1,178,547	3,768,800	549,280	11,522,200	1,239,560

SPECIES	LAKE MICHIGAN - CONTINUED							
	INDIANA		ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	2,000	$50	-	-	22,563,600	$338,455	29,003,800	$435,078
BULLHEADS	-	-	-	-	9,100	727	9,100	727
BURBOT	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CARP	1,000	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATFISH	-	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]
CHUBS	-	-	269,800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GARFISH	-	-	-	-	-	-	[illegible]	[illegible]
LAKE HERRING	-	-	2,200	278	[illegible]	[illegible]	[illegible]	[illegible]
LAKE TROUT	-	-	-	-	100	[illegible]	[illegible]	[illegible]
PIKE OR PICKEREL	-	-	-	-	32,800	[illegible]	[illegible]	[illegible]
ROCK BASS	-	-	-	-	-	-	[illegible]	[illegible]
SAUGER	-	-	-	-	-	-	[illegible]	[illegible]
SHEEPSHEAD	-	-	-	-	-	-	[illegible]	[illegible]
SMELT	-	-	-	-	92,900	[illegible]	[illegible]	[illegible]
STURGEON, COMMON	-	-	-	-	-	-	[illegible]	[illegible]
SUCKERS	1,500	45	-	-	378,800	[illegible]	[illegible]	[illegible]
WHITEFISH:								
COMMON	-	-	-	-	141,900	[illegible]	[illegible]	[illegible]
MENOMINEE	-	-	-	-	100	[illegible]	[illegible]	[illegible]
YELLOW PERCH	82,100	9,851	30,500	5,089	237,600	[illegible]	[illegible]	[illegible]
YELLOW PIKE	-	-	-	-	10,900	[illegible]	[illegible]	[illegible]
TOTAL	86,600	9,976	302,500	57,682	30,852,900	[illegible]	[illegible]	[illegible]

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKES AND STATES, 1966 - Continued

SPECIES	LAKE SUPERIOR							
	MICHIGAN		WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	300	$5	-	-	-	-	300	$5
BULLHEADS	-	-	(1)	$2	-	-	(1)	2
BURBOT	1,700	109	2,800	28	100	$3	4,600	140
CARP	100	1	100	1	-	-	200	2
CATFISH	-	-	(1)	(1)	-	-	(1)	(1)
CHUBS	782,200	117,679	930,400	145,927	244,400	21,990	1,957,000	285,596
LAKE HERRING	3,332,300	338,900	608,000	79,041	567,400	52,410	4,507,700	470,351
LAKE TROUT	65,800	45,646	48,700	30,684	5,000	3,185	119,500	79,515
PIKE OR PICKEREL	100	19	(1)	6	-	-	100	25
SAUGER	3,500	152	-	-	-	-	3,500	152
SMELT	92.800	9,547	309,000	46,351	862,900	17.250	1,264,700	73,148
STURGEON, COMMON	500	469	-	-	-	-	500	469
SUCKERS	12,500	840	14,800	990	(1)	(1)	27,300	1,830
WHITEFISH:								
COMMON	292,300	154,340	46,700	24,731	2,200	116	341,200	179,187
MENOMINEE	10,500	1,778	9,100	1,097	2.800	500	22,400	3,375
YELLOW PERCH	8,500	886	(1)	1	-	-	8,500	887
YELLOW PIKE	600	279	(1)	13	-	-	600	292
TOTAL	4,603,700	670,650	1,969,600	328,872	1,684,800	95,454	8,258,100	1,094,976

SPECIES	LAKE OF THE WOODS		NAMAKAN LAKE		RAINY LAKE		TOTAL, ALL LAKES	
	MINNESOTA		MINNESOTA		MINNESOTA			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	-	-	29,008,300	$435,146
BLUE PIKE	-	-	-	-	-	-	200	119
BOWFIN	-	-	-	-	-	-	2,100	78
BUFFALOFISH	100	$4	-	-	-	-	42,900	4,974
BULLHEADS	4,600	300	-	-	-	-	99,000	17,192
BURBOT	62,500	2,500	3,300	$100	10,400	$300	93,400	3,780
CARP	-	-	-	-	-	-	7,263,000	207,045
CATFISH	-	-	-	-	-	-	909,900	238,289
CHUBS	-	-	-	-	-	-	9,991,600	1,877,045
CRAPPIE	-	-	-	-	-	-	2,200	426
EEL, COMMON	-	-	-	-	-	-	35,300	8.791
GARFISH	-	-	-	-	-	-	300	3
GIZZARD SHAD	-	-	-	-	-	-	22,900	448
GOLDFISH	-	-	-	-	-	-	135,000	4,050
LAKE HERRING	-	-	-	-	-	-	4,576,400	481,102
LAKE TROUT	-	-	-	-	-	-	119,600	79,599
MOONEYE OR GOLDEYE	(1)	(1)	-	-	-	-	(1)	1
PIKE OR PICKEREL	64,000	4,800	-	-	8,600	600	107,600	9,922
QUILLBACK	3,800	57	-	-	-	-	23,700	634
ROCK BASS	-	-	-	-	-	-	10,700	1,159
SAUGER	27,300	5,400	-	-	-	-	30,900	5,561
SHEEPSHEAD	-	-	-	-	-	-	2,172,800	47,745
SMELT	-	-	-	-	-	-	2,413,900	112,194
STURGEON, COMMON	-	-	-	-	-	-	2,900	2,973
SUCKERS	197,000	3,924	5,500	200	26,300	753	1,169,700	37,670
SUNFISH	-	-	-	-	-	-	12,400	1,235
TULLIBEE	921,800	27,600	4,700	200	13,000	400	939,500	28,200
WHITE BASS	-	-	-	-	-	-	1,223,600	189,980
WHITEFISH:								
COMMON	100	49	16,500	5,400	15,000	4,500	1,971,700	982,182
MENOMINEE	-	-	-	-	-	-	52,900	12,935
WHITE PERCH	-	-	-	-	-	-	100,100	35,035
YELLOW PERCH	22,800	2,500	-	-	100	8	6,164,100	733,141
YELLOW PIKE	305,200	109,800	-	-	11,800	4,700	751,800	315,781
TOTAL	1,609,200	156,934	30,000	5,900	85,200	11,261	69,450,400	5,874,435

1/ LESS THAN 50 POUNDS OR 50 CENTS.

PROCESSED FISHERY PRODUCTS, 1966

ITEM		NEW YORK		PENNSYLVANIA		OHIO	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES, CANNED, ANIMAL FOOD	STANDARD CASES	-	-	-	-	(1)	(1)
CARP, SMOKED	POUNDS	-	-	-	-	(1)	(1)
CHUBS, SMOKED	DO	-	-	-	-	(1)	(1)
COD FILLETS, BREADED, RAW AND COOKED, FROZEN	DO	-	-	-	-	(1)	(1)
HADDOCK:							
FILLETS:							
FRESH	DO	(1)	(1)	-	-	-	-
BREADED, RAW AND COOKED, FROZEN	DO	(1)	(1)	-	-	(1)	(1)
SMOKED	DO	(1)	(1)	-	-	-	-
HALIBUT STEAKS, FRESH	DO	(1)	(1)	-	-	-	-
HERRING:							
LAKE:							
SALTED	DO	-	-	-	-	(1)	(1)
SMOKED	DO	-	-	-	-	(1)	(1)
SEA, SALTED AND PICKLED	DO	-	-	-	-	(1)	(1)
LAKE TROUT FILLETS, FRESH AND FROZEN	DO	-	-	-	-	(1)	(1)
OCEAN PERCH FILLETS, BREADED, RAW AND COOKED, FROZEN	DO	-	-	-	-	(1)	(1)
SABLEFISH, SMOKED	DO	-	-	-	-	(1)	(1)
SALMON:							
SALTED	DO	-	-	-	-	(1)	(1)
SMOKED	DO	-	-	-	-	(1)	(1)
SAUGER FILLETS, FRESH AND FROZEN	DO	-	-	-	-	(1)	(1)
SNAPPER, RED, FILLETS, FRESH	DO	-	-	-	-	(1)	(1)
WHITE BASS FILLETS, FRESH AND FROZEN	DO	-	-	(1)	(1)	(1)	(1)
WHITEFISH:							
FILLETS, FRESH AND FROZEN	DO	(1)	(1)	(1)	(1)	41,600	$33,625
SMOKED	DO	-	-	-	-	(1)	(1)
WHITING, SMOKED	DO	(1)	(1)	-	-	-	-
YELLOW PERCH, FILLETS, FRESH AND FROZEN	DO	(1)	(1)	215,500	$138,465	799,795	425,444
YELLOW PIKE, FILLETS, FRESH AND FROZEN	DO	79,750	$81,818	11,130	11,639	156,000	123,225
SHRIMP, FRESH AND FROZEN:							
COOKED, PEELED AND DEVEINED	DO	-	-	-	-	(1)	(1)
BREADED, RAW AND COOKED	DO	(1)	(1)	-	-	(1)	(1)
OYSTERS, SHUCKED, FRESH	GALLONS	(1)	(1)	-	-	-	-
SCALLOPS, SEA, BREADED, RAW	POUNDS	(1)	(1)	-	-	-	-
UNCLASSIFIED:							
FROZEN PACKAGED, STICKS AND PORTIONS	DO	283,060	173,485	37,550	28,748	29,140,200	15,569,786
CANNED	STANDARD CASES	-	-	-	-	(2)	(2)
CURED	POUNDS	31,659	26,945	-	-	321,670	239,628
TOTAL	-	-	282,248	-	178,852	-	16,391,708

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		MICHIGAN		ILLINOIS	
		QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVY PASTE, CANNED	STANDARD CASES	(1)	(1)	-	-
CARP:					
FILLETS, FRESH AND FROZEN	POUNDS	-	-	(1)	(1)
SMOKED	DO	(1)	(1)	-	-
CATFISH, SMOKED	DO	(1)	(1)	-	-
CHUBS, SMOKED	DO	263,260	$134,010	2,190,000	$1,231,393
COD:					
FILLETS, BREADED RAW AND COOKED, FROZEN	DO	-	-	(1)	(1)
LUTEFISK	DO	-	-	(1)	(1)
HALIBUT FILLETS, BREADED RAW, FROZEN	DO	-	-	(1)	(1)
HERRING:					
LAKE:					
HEADED AND DRESSED	DO	(1)	(1)	-	-
FILLETS:					
FRESH AND FROZEN	DO	(1)	(1)	-	-
BREADED RAW, FROZEN	DO	(1)	(1)	-	-
SALTED	DO	(1)	(1)	-	-
SMOKED	DO	(1)	(1)	(1)	(1)
ANIMAL FEEDS	-	-	(1)	-	-
SEA, SALTED AND PICKLED	POUNDS	(1)	(1)	8,483,759	2,860,413
LAKE TROUT:					
FILLETS, FRESH AND FROZEN	DO	55,480	53,070	(1)	(1)
SMOKED	DO	(1)	(1)	37,000	36,837
MACKEREL, ATLANTIC, FILLETS, SALTED	DO	(1)	(1)	-	-
OCEAN PERCH FILLETS:					
FROZEN	DO	-	-	(1)	(1)
BREADED, RAW AND COOKED, FROZEN	DO	-	-	(1)	(1)
PIKE AND PICKEREL FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
SABLEFISH, SMOKED	DO	(1)	(1)	261,500	188,100
SALMON, SMOKED	DO	(1)	(1)	687,000	1,210,748
SAUGER FILLETS, FRESH AND FROZEN	DO	(1)	(1)	(1)	(1)
SMELT, SMOKED	DO	(1)	(1)	-	-
SNAPPER, RED, FILLETS, FRESH	DO	(1)	(1)	(1)	(1)
STURGEON, SMOKED	DO	(1)	(1)	(1)	(1)
SUCKERS, SMOKED	DO	(1)	(1)	-	-
WHITE BASS FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
WHITEFISH:					
FILLETS:					
FRESH AND FROZEN	DO	244,511	186,837	(1)	(1)
BREADED RAW, FROZEN	DO	(1)	(1)	-	-
SMOKED	DO	18,640	11,707	64,700	57,720
YELLOW PERCH FILLETS:					
FRESH AND FROZEN	DO	845,500	597,089	(1)	(1)
BREADED, RAW, FROZEN	DO	(1)	(1)	-	-
YELLOW PIKE FILLETS, FRESH AND FROZEN	DO	(1)	(1)	(1)	(1)
SHRIMP, FRESH AND FROZEN, BREADED, RAW AND COOKED	DO	-	-	(1)	(1)
OYSTERS, BREADED RAW, FROZEN	DO	-	-	(1)	(1)
SCALLOPS, SEA, BREADED RAW	DO	-	-	(1)	(1)
UNCLASSIFIED:					
FROZEN PACKAGED, STICKS AND PORTIONS	DO	708,974	537,201	3,533,032	592,467
CANNED	STANDARD CASES	(2)	(2)	(2)	(2)
CURED	POUNDS	1,255,445	754,871	210,500	72,050
INDUSTRIAL	-	-	(1)	-	-
TOTAL	-	-	2,274,785	-	6,249,728

ITEM		WISCONSIN		MINNESOTA	
		QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:					
SALTED, FILLETS	POUNDS	(1)	(1)	-	-
MEAL AND SCRAP	TONS	(1)	(1)	-	-
OIL	1,000 POUNDS	(1)	(1)	-	-
CARP, SMOKED	POUNDS	14,500	$4,510	-	-
CATFISH FILLETS, FRESH	DO	(1)	(1)	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PROCESSED FISHERY PRODUCTS, 1966 - Continued

ITEM		WISCONSIN		MINNESOTA	
		QUANTITY	VALUE	QUANTITY	VALUE
CHUBS, SMOKED	POUNDS	1,150,051	$415,652	(1)	(1)
HERRING:					
LAKE:					
FILLETS, FRESH AND FROZEN	DO	-	-	(1)	(1)
SALTED	DO	(1)	(1)	(1)	(1)
SMOKED	DO	98,548	28,786	(1)	(1)
SEA, SALTED AND PICKLED	DO	-	-	(1)	(1)
LAKE TROUT:					
FILLETS:					
FRESH AND FROZEN	DO	25,700	27,059	-	-
BREADED RAW, FROZEN	DO	(1)	(1)	-	-
SMOKED	DO	11,123	8,988	(1)	(1)
PIKE AND PICKEREL FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
SABLEFISH, SMOKED	DO	18,902	10,016	-	-
SALMON, SMOKED	DO	32,276	35,675	-	-
SAUGER FILLETS, FRESH AND FROZEN	DO	(1)	(1)	-	-
WHITEFISH:					
FILLETS, FRESH AND FROZEN	DO	115,500	106,458	-	-
CANNED (CAVIAR)	STANDARD CASES	(1)	(1)	-	-
SMOKED	POUNDS	53,188	27,687	(1)	(1)
WHITING, SMOKED	DO	(1)	(1)	-	-
YELLOW PERCH, FILLETS:					
FRESH AND FROZEN	DO	950,065	642,077	-	-
BREADED, RAW, FROZEN	DO	235,264	132,566	-	-
YELLOW PIKE, FILLETS:					
FRESH AND FROZEN	DO	27,400	38,090	-	-
BREADED RAW, FROZEN	DO	(1)	(1)	-	-
FROG LEGS, FROZEN	DO	(1)	(1)	-	-
UNCLASSIFIED:					
FROZEN PACKAGED, STICKS AND PORTIONS	DO	85,832	434,983	(3)	(3)
CANNED	STANDARD CASES	(2)	(2)	-	-
CURED	POUNDS	1,114,160	228,050	206,155	$51,901
INDUSTRIAL	-	-	(2)	-	-
TOTAL	-	-	2,140,597	-	51,901

1/ INCLUDED WITH UNCLASSIFIED. 2/ INCLUDED WITH UNCLASSIFIED PACKAGED. 3/ INCLUDED WITH CURED FISHERY PRODUCTS.

NOTE:--SOME OF THE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

SUMMARY OF PROCESSED PRODUCTS, 1966

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	3,228
FROZEN	16,046
CANNED	341
CURED	7,635
INDUSTRIAL	321
TOTAL	27,571

VALUE OF PROCESSED PRODUCTS, BY STATES, 1966

(THOUSANDS OF DOLLARS)

ITEM	VALUE
NEW YORK	282
PENNSYLVANIA	179
OHIO	16,392
MICHIGAN	2,275
ILLINOIS	6,250
WISCONSIN	2,141
MINNESOTA	52
TOTAL	27,571

WHOLESALING AND PROCESSING, 1966

ITEM	NEW YORK	PENN-SYLVANIA	OHIO	INDIANA	ILLINOIS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:					
ESTABLISHMENTS	27	6	39	5	49
PERSONS ENGAGED:					
AVERAGE FOR SEASON	254	22	561	21	1,057
AVERAGE FOR YEAR	236	17	491	21	960

ITEM	MICHIGAN	MINNESOTA	WISCONSIN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:				
ESTABLISHMENTS	62	10	45	243
PERSONS ENGAGED:				
AVERAGE FOR SEASON	487	64	429	2,895
AVERAGE FOR YEAR	389	39	329	2,482

LAKE ONTARIO - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	TRAP NETS	FYKE AND HOOP NETS	GILL NETS: 2-1/2 - 2-7/8 INCH MESH	GILL NETS: [illegible]	GILL NETS: 7-1/8 - [illegible] INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS:						
PART-TIME	-	-	-	-		-
CASUAL	-	-	-	2	-	-
ON BOATS AND SHORE:						
CASUAL	[illegible]	[illegible]	[illegible]	[illegible]	-	1
TOTAL FISHERMEN	[illegible]	[illegible]	1	4	2	[illegible]
VESSELS, MOTOR:						
PART-TIME	-	-	-	-	1	-
CASUAL	-	-	-	1	-	-
TOTAL VESSELS	-	-	-	1	[illegible]	-
TOTAL GROSS TONNAGE	-	-	-	1	1	-
BOATS:						
MOTOR, CASUAL	[illegible]	1	[illegible]	[illegible]	-	[illegible]
OTHER, CASUAL	[illegible]		[illegible]	-	-	-
DAYS OPERATED:						
FISHERMEN:						
ON VESSELS	-	-	-	[illegible]	[illegible]	-
ON BOATS AND SHORE	[illegible]	[illegible]	272	[illegible]	-	[illegible]
TOTAL FISHERMEN DAYS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CRAFT:						
VESSELS	-	-	-	[illegible]	[illegible]	-
BOATS, MOTOR	[illegible]	[illegible]	[illegible]	[illegible]	-	2
TOTAL CRAFT DAYS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12
FISHING EFFORT:						
LIFTS	-	[illegible]	[illegible]	-	-	-
LIFTS PER 1,000 LINEAR YARDS	[illegible]	-	-	[illegible]	[illegible]	[illegible]

SEE NOTE ON PAGE 381.

LAKE ERIE - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1966

ITEM	HAUL SEINES	OTTER TRAWLS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS:				
PART-TIME	-	-	42	-
CASUAL	2	2	49	-
ON BOATS AND SHORE:				
PART-TIME	28	-	6	-
CASUAL	86	-	26	14
TOTAL FISHERMEN	114	2	123	14
VESSELS, MOTOR:				
PART-TIME	-	-	21	-
CASUAL	1	1	24	-
TOTAL VESSELS	1	1	45	-
TOTAL GROSS TONNAGE	13	12	619	-
BOATS:				
MOTOR:				
PART-TIME	13	-	3	-
CASUAL	43	-	13	7
TOTAL MOTOR BOATS	56	-	16	7

(CONTINUED ON NEXT PAGE)

LAKE ERIE - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1966 - Continued

ITEM	HAUL SEINES	OTTER TRAWLS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER
BOATS, OTHER:				
PART-TIME	13	-	-	-
CASUAL	44	-	-	-
TOTAL OTHER BOATS	57	-	-	-
DAYS OPERATED:				
FISHERMEN:				
ON VESSELS	102	36	5,095	-
ON BOATS AND SHORE	4,110	-	1,028	[illegible]
TOTAL FISHERMEN DAYS	4,212	36	6,123	[illegible]
CRAFT:				
VESSELS	5	1	2,503	-
BOATS, MOTOR	2,655	-	514	93
TOTAL CRAFT DAYS	2,660	1	3,017	[illegible]
FISHING EFFORT:				
LIFTS	-	-	18,894	597
LIFTS PER 1,000 LINEAR YARDS	[illegible]	-	-	-
HOURS TRAWLED	-	75	-	-

ITEM	GILL NETS			LINES, LONG OR SET WITH HOOKS	DIP NETS
	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS:					
REGULAR	21	-	-	-	-
PART-TIME	14	3	-	-	-
CASUAL	22	31	4	-	-
ON BOATS AND SHORE:					
PART-TIME	8	-	-	38	-
CASUAL	31	51	8	125	2
TOTAL FISHERMEN	96	85	12	163	2
VESSELS, MOTOR:					
REGULAR	7	-	-	-	-
PART-TIME	[illegible]		-	-	-
CASUAL	11	14	2	-	-
TOTAL VESSELS	24	15	2	-	-
TOTAL GROSS TONNAGE	321	166	25	-	-
BOATS:					
MOTOR:					
PART-TIME	4	-	-	19	-
CASUAL	24	41	[illegible]	120	2
TOTAL MOTOR BOATS	28	41	[illegible]	139	2
OTHER, CASUAL, TOTAL	2	2	-	-	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS	1,791	763	26	-	-
ON BOATS AND SHORE	1,139	719	[illegible]	5,238	4
TOTAL FISHERMEN DAYS	2,930	1,482	[illegible]	5,238	4
CRAFT:					
VESSELS	2,130	327	14	-	-
BOATS, MOTOR	274	561	55	3,399	4
TOTAL CRAFT DAYS	2,404	888	69	3,399	4
FISHING EFFORT:					
LIFTS PER 1,000 LINEAR YARDS	7,192	1,430	51	-	-
LIFTS PER 1,000 HOOKS	-	-	-	[illegible]	-
DAYS FISHED	-	-	-	-	4

SEE NOTE ON PAGE 381.

LAKE HURON - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1966

ITEM	HAUL SEINES	POUND NETS	TRAP NETS	[illegible]
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS:				
PART-TIME	-	-	[illegible]	-
CASUAL.	2	-		-
ON BOATS AND SHORE:				
PART-TIME	-	-	[illegible]	-
CASUAL.	22	[illegible]	[illegible]	[illegible]
TOTAL FISHERMEN. . .	[illegible]	[illegible]	[illegible]	[illegible]
VESSELS, MOTOR:				
PART-TIME	-	-		-
CASUAL. .	[illegible]	-		-
TOTAL VESSELS. . .		-	[illegible]	-
TOTAL GROSS TONNAGE.	[illegible]	-	142	-
BOATS:				
MOTOR:				
PART-TIME	-	-	[illegible]	-
CASUAL.	[illegible]		[illegible]	4
TOTAL MOTOR BOATS. . .	[illegible]	[illegible]	[illegible]	4
OTHER, CASUAL, TOTAL. . .	12	-	-	-
DAYS OPERATED:				
FISHERMEN:				
ON VESSELS.	[illegible]	-	[illegible]	-
ON BOATS AND SHORE. . .	358	[illegible]	[illegible]	[illegible]
TOTAL FISHERMEN DAYS .	372	[illegible]	[illegible]	[illegible]
CRAFT:				
VESSELS	2	-	[illegible]	-
BOATS, MOTOR.	179	44	[illegible]	[illegible]
TOTAL CRAFT DAYS . .	[illegible]	44	2,222	[illegible]
FISHING EFFORT:				
LIFTS	-	[illegible]	[illegible]	[illegible]
LIFTS PER 1,000 LINEAR YARDS.	[illegible]	-	-	-

ITEM	GILL NETS				LINES, LONG OR SET WITH HOOKS
	[illegible] INCH MESH	2-1/8 - 3-7/8 INCH MESH	[illegible] INCH MESH	7-1/8 - 14 INCH MESH	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS:					
REGULAR	-	[illegible]	-	-	-
PART-TIME	-	[illegible]	[illegible]	-	-
CASUAL.	-	[illegible]	[illegible]		-
ON BOATS AND SHORE:					
PART-TIME	-	[illegible]	[illegible]		[illegible]
CASUAL.	1	[illegible]	[illegible]	1	[illegible]
TOTAL FISHERMEN. . . .	1	[illegible]	[illegible]	[illegible]	[illegible]
VESSELS, MOTOR:					
REGULAR	-	[illegible]	-	-	-
PART-TIME	-	[illegible]	[illegible]	-	-
CASUAL.	-	[illegible]	[illegible]	[illegible]	-
TOTAL VESSELS.	-	25	[illegible]	[illegible]	-
TOTAL GROSS TONNAGE. .	-	[illegible]	[illegible]	[illegible]	-
BOATS:					
MOTOR:					
PART-TIME	-	[illegible]	[illegible]	[illegible]	9
CASUAL.	1	[illegible]	22	[illegible]	[illegible]
TOTAL MOTOR BOATS. . .	[illegible]	40	[illegible]	[illegible]	[illegible]

(CONTINUED ON NEXT PAGE)

LAKE HURON - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1966 - Continued

ITEM	GILL NETS				LINES, LONG OR SET WITH HOOKS
	1-1/8 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 11 INCH MESH	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
BOATS - CONTINUED:					
OTHER, CASUAL TOTAL . . .	-	1	-	-	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS.	-	4,115	986	64	-
ON BOATS AND SHORE. . .	6	1,668	649	1,401	2,562
TOTAL FISHERMEN DAYS .	6	5,783	1,635	1,465	2,562
CRAFT:					
VESSELS	-	1,859	433	32	-
BOATS, MOTOR.	6	991	481	744	1,491
TOTAL CRAFT DAYS . . .	6	2,850	914	776	1,491
FISHING EFFORT:					
LIFTS PER 1,000 LINEAR YARDS.	(1)	9,020	2,059	657	-
LIFTS PER 1,000 HOOKS . .	-	-	-	-	1,138

1/ LESS THAN 500 LINEAR YARDS.

SEE NOTE ON PAGE 381.

LAKE MICHIGAN - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS:					
REGULAR	-	9	3	-	-
PART-TIME	-	14	7	4	2
CASUAL.	-	2	15	16	-
ON BOATS AND SHORE:					
PART-TIME	4	-	16	-	10
CASUAL.	22	-	94	16	32
TOTAL FISHERMEN. . . .	26	25	135	36	44
VESSELS, MOTOR:					
REGULAR	-	3	1	-	-
PART-TIME	-	7	3	2	1
CASUAL.	-	1	7	8	-
TOTAL VESSELS.	-	11	11	10	1
TOTAL GROSS TONNAGE. .	-	358	156	115	13
BOATS:					
MOTOR:					
PART-TIME	2	-	8	-	5
CASUAL.	11	-	45	7	16
TOTAL MOTOR BOATS	13	-	53	7	21
OTHER:					
PART-TIME	2	-	-	-	-
CASUAL.	11	-	-	-	-
TOTAL OTHER BOATS. . .	13	-	-	-	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS.	-	3,405	1,382	654	144
ON BOATS AND SHORE. . .	638	-	3,198	206	1,536
TOTAL FISHERMEN DAYS .	638	3,405	4,580	860	1,680

(CONTINUED ON NEXT PAGE)

LAKE MICHIGAN - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1966 - Continued

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS	FYKE AND HOOP NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
DAYS OPERATED - CONTINUED:					
CRAFT:					
VESSELS	-	1,446	278	327	72
BOATS, MOTOR.	319	-	1,599	103	768
TOTAL CRAFT DAYS . . .	319	1,446	1,877	430	840
FISHING EFFORT:					
LIFTS	-	-	5,033	1,518	6,403
LIFTS PER 1,000 LINEAR YARDS.	174	-	-	-	-
HOURS TRAWLED	-	7,421	-	-	-

ITEM	GILL NETS				LINES, LONG OR SET WITH HOOKS
	1-1/8 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS:					
REGULAR	-	93	-	-	-
PART-TIME	2	82	43	-	-
CASUAL.	16	101	99	-	-
ON BOATS AND SHORE:					
PART-TIME	-	23	10	-	-
CASUAL.	51	160	116	19	1
TOTAL FISHERMEN. . . .	69	459	268	19	1
VESSELS, MOTOR:					
REGULAR	-	31	-	-	-
PART-TIME	1	39	20	-	-
CASUAL.	7	49	44	-	-
TOTAL VESSELS.	8	119	64	-	-
TOTAL GROSS TONNAGE. .	151	2,726	1,399	-	-
BOATS:					
MOTOR:					
PART-TIME	-	13	5	-	-
CASUAL.	37	128	83	4	1
TOTAL MOTOR BOATS. . .	37	141	88	4	1
OTHER, CASUAL, TOTAL. . .	1	1	1	1	-
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS.	363	29,653	5,308	-	-
ON BOATS AND SHORE. . .	475	3,821	2,197	311	19
TOTAL FISHERMEN DAYS .	838	33,474	7,505	311	19
CRAFT:					
VESSELS	170	11,490	2,435	-	-
BOATS, MOTOR.	412	2,643	1,538	308	19
TOTAL CRAFT DAYS . . .	582	14,133	3,973	308	19
FISHING EFFORT:					
LIFTS PER 1,000 LINEAR YARDS.	355	41,517	13,735	203	-
LIFTS PER 1,000 HOOKS . .	-	-	-	-	10

SEE NOTE ON PAGE 381.

LAKE SUPERIOR - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1966

ITEM	HAUL SEINES	OTTER TRAWLS	POUND NETS	TRAP NETS
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS:				
PART-TIME	-	2	2	2
CASUAL.	-	-	8	-
ON BOATS AND SHORE, CASUAL	2	-	31	4
TOTAL FISHERMEN. . . .	2	2	41	6
VESSELS, MOTOR:				
PART-TIME	-	1	1	1
CASUAL.	-	-	4	-
TOTAL VESSELS.	-	1	5	1
TOTAL GROSS TONNAGE. .	-	33	87	18
BOATS:				
MOTOR, CASUAL	1	-	16	2
OTHER, CASUAL	1	-	-	-
DAYS OPERATED:				
FISHERMEN:				
ON VESSELS.	-	196	210	160
ON BOATS AND SHORE. . .	22	-	466	80
TOTAL FISHERMEN DAYS .	22	196	676	240
CRAFT:				
VESSELS	-	98	105	80
BOATS, MOTOR.	64	-	245	40
TOTAL CRAFT DAYS . . .	64	98	350	120
FISHING EFFORT:				
LIFTS	-	-	1,463	1,072
LIFTS PER 1,000 LINEAR YARDS.	2	-	-	-
HOURS TRAWLED	-	208	-	-

ITEM	FYKE AND HOOP NETS	GILL NETS			
		1-1/8 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS:					
REGULAR	-	-	23	-	-
PART-TIME	-	-	57	16	-
CASUAL.	-	16	66	102	-
ON BOATS AND SHORE:					
REGULAR	-	-	6	6	-
PART-TIME	-	-	57	6	-
CASUAL.	5	23	145	115	3
TOTAL FISHERMEN. . . .	5	39	354	245	3
VESSELS, MOTOR:					
REGULAR	-	-	8	-	-
PART-TIME	-	-	25	7	-
CASUAL.	-	8	33	47	-
TOTAL VESSELS.	-	8	66	54	-
TOTAL GROSS TONNAGE. .	-	167	1,185	985	-
BOATS, MOTOR:					
REGULAR	-	-	2	2	-
PART-TIME	-	-	23	3	-
CASUAL.	3	13	131	82	1
TOTAL MOTOR BOATS. . .	3	13	156	87	1

(CONTINUED ON NEXT PAGE)

LAKE SUPERIOR - OPERATING UNITS AND FISHING EFFORT BY GEAR, 1966 - Continued

ITEM	FYKE AND HOOP NETS	GILL NETS			
		1-1/8 - 2 INCH MESH	2-1/8 - 3-7/8 INCH MESH	4 - 7 INCH MESH	7-1/8 - 14 INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
DAYS OPERATED:					
FISHERMEN:					
ON VESSELS.	-	241	11,890	3,541	-
ON BOATS AND SHORE. . .	68	508	9,346	3,222	51
TOTAL FISHERMEN DAYS .	68	749	21,236	6,763	51
CRAFT:					
VESSELS	-	122	4,922	1,582	-
BOATS, MOTOR.	44	359	5,174	1,930	17
TOTAL CRAFT DAYS . . .	44	481	10,096	3,512	17
FISHING EFFORT:					
LIFTS	44	-	-	-	-
LIFTS PER 1,000 LINEAR YARDS.	-	219	15,950	6,394	6

SEE NOTE ON PAGE 381.

LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE OPERATING UNITS AND FISHING EFFORT BY GEAR, 1966

ITEM	POUND NETS	TRAP NETS	FYKE AND HOOP NETS	GILL NETS
				4 - 7 INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	-	-	-	3
PART-TIME	-	-	-	34
CASUAL.	6	14	8	11
TOTAL FISHERMEN. . . .	6	14	8	48
BOATS, MOTOR:				
REGULAR	-	-	-	1
PART-TIME	-	-	-	17
CASUAL.	3	7	4	10
TOTAL MOTOR BOATS. . .	3	7	4	28
DAYS OPERATED:				
FISHERMEN, ON BOATS AND SHORE, TOTAL	158	448	256	4,417
CRAFT, BOATS, MOTOR, TOTAL.	79	224	128	2,268
FISHING EFFORT:				
LIFTS	154	2,127	932	-
LIFTS PER 1,000 LINEAR YARDS.	-	-	-	2,431

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1966

SPECIES	LAKE ONTARIO					
	NEW YORK					
	HAUL SEINES		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	-	-	1,500	$55	-	-
BULLHEADS	200	$64	19,900	5,974	2,200	$657
BURBOT.	-	-	(1)	2	-	-
CARP.	2,700	87	12,500	401	-	-
CATFISH	-	-	500	102	100	21
CRAPPIE	-	-	1,200	149	100	12
EELS.	-	-	30,100	7,510	400	95
LAKE HERRING.	-	-	200	67	100	34
ROCK BASS	-	-	6,600	462	200	12
SHEEPSHEAD.	-	-	-	-	100	3
STURGEON, COMMON.	-	-	100	160	-	-
SUCKERS	-	-	9,100	272	200	7
SUNFISH	-	-	11,700	1,165	600	57
WHITE BASS.	-	-	900	130	-	-
WHITEFISH, COMMON	-	-	100	52	-	-
WHITE PERCH	-	-	5,000	1,741	100	27
YELLOW PERCH.	-	-	13,400	1,880	200	21
YELLOW PIKE	-	-	2,600	1,322	-	-
TOTAL.	2,900	151	115,400	21,444	4,300	946

SPECIES	LAKE ONTARIO - CONTINUED					
	NEW YORK - CONTINUED					
	GILL NETS				TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	(1)	$4	-	-	(1)	$4
BOWFIN.	-	-	-	-	1,500	55
BULLHEADS	5,100	1,537	-	-	27,400	8,232
BURBOT.	-	-	-	-	(1)	2
CARP.	-	-	-	-	15,200	488
CATFISH	-	-	-	-	600	123
CRAPPIE	-	-	-	-	1,300	161
EELS.	4,800	1,186	-	-	35,300	8,791
LAKE HERRING.	200	94	2,300	$908	2,800	1,103
ROCK BASS	700	52	-	-	7,500	526
SHEEPSHEAD.	-	-	-	-	100	3
SMELT	200	16	-	-	200	16
STURGEON, COMMON.	-	-	-	-	100	160
SUCKERS	1,100	33	-	-	10,400	312
SUNFISH	100	13	-	-	12,400	1,235
WHITE BASS.	-	-	-	-	900	130
WHITEFISH, COMMON	(1)	11	2,100	1,048	2,200	1,111
WHITE PERCH	2,800	979	92,200	32,288	100,100	35,035
YELLOW PERCH.	1,700	236	-	-	15,300	2,137
YELLOW PIKE	-	-	1,300	642	3,900	1,964
TOTAL.	16,700	4,161	97,900	34,886	237,200	61,588

SPECIES	LAKE ERIE					
	NEW YORK					
	GILL NETS				TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP.	-	-	100	$2	100	$2
CATFISH	200	$48	200	41	400	89
LAKE HERRING.	-	-	(1)	1	(1)	1
ROCK BASS	200	11	-	-	200	11
SHEEPSHEAD.	1,700	68	800	30	2,500	98
SUCKERS	1,100	32	1,200	36	2,300	68
WHITE BASS.	1,900	286	1,200	182	3,100	468
WHITEFISH, COMMON	-	-	(1)	18	(1)	18
YELLOW PERCH.	104,800	13,624	500	67	105,300	13,691
YELLOW PIKE	40,100	16,024	65,800	26,348	105,900	42,372
TOTAL.	150,000	30,093	69,800	26,725	219,800	56,818

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1966 - Continued

SPECIES	LAKE ERIE - CONTINUED							
	PENNSYLVANIA							
	OTTER TRAWL		GILL NETS				TOTAL	
			2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	100	$76	-	-	100	$76
BULLHEADS	-	-	100	12	(1)	$2	100	14
BURBOT	-	-	(1)	(1)	-	-	(1)	(1)
CATFISH	-	-	(1)	2	100	13	100	15
LAKE HERRING	-	-	(1)	5	-	-	(1)	5
SHEEPSHEAD	-	-	700	17	400	9	1,100	26
SMELT	-	-	-	-	200	15	200	15
SUCKERS	-	-	200	2	(1)	1	200	3
WHITE BASS	-	-	1,200	155	700	98	1,900	253
WHITEFISH, COMMON	-	-	300	150	300	146	600	296
YELLOW PERCH	100	$15	524,000	61,832	35,000	4,128	559,100	65,975
YELLOW PIKE	-	-	6,000	2,485	3,600	1,493	9,600	3,978
TOTAL	100	15	532,600	64,736	40,300	5,905	573,000	70,656

SPECIES	LAKE ERIE - CONTINUED							
	OHIO							
	HAUL SEINES		OTTER TRAWL		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	-	-	(1)	$1	-	-
BUFFALOFISH	22,800	$2,421	-	-	8,800	934	500	$46
BULLHEADS	39,000	5,349	-	-	11,500	1,570	(1)	1
BURBOT	-	-	-	-	3,000	243	-	-
CARP	2,504,700	70,133	-	-	193,000	5,405	200	5
CATFISH	467,700	116,920	-	-	106,500	26,628	1,500	368
GIZZARD SHAD	8,000	160	-	-	13,200	264	(1)	1
GOLDFISH	135,000	4,050	-	-	-	-	-	-
LAKE HERRING	(1)	36	-	-	(1)	2	-	-
LAKE TROUT	-	-	-	-	(1)	19	-	-
MOONEYE OR GOLDEYE	-	-	-	-	(1)	1	-	-
SAUGER	-	-	-	-	(1)	3	-	-
SHEEPSHEAD	1,269,800	26,666	400	$8	732,400	15,381	1,100	24
SMELT	-	-	900	92	400	35	-	-
STURGEON, COMMON	100	105	-	-	100	92	-	-
SUCKERS	9,900	209	-	-	124,100	2,605	900	18
WHITE BASS	276,400	42,563	-	-	820,300	126,322	36,600	5,634
WHITEFISH, COMMON	(1)	15	-	-	2,100	1,217	-	-
YELLOW PERCH	39,700	4,486	11,300	1,278	1,877,900	212,202	3,200	364
YELLOW PIKE	28,700	13,528	-	-	73,400	34,575	300	154
TOTAL	4,801,800	286,641	12,600	1,378	3,966,700	427,499	44,300	6,615

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED					
	GILL NETS					
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	(1)	$4	100	$34	-	-
BUFFALOFISH	-	-	100	15	500	$47
BULLHEADS	200	28	-	-	-	-
BURBOT	-	-	(1)	2	-	-
CARP	400	10	30,100	842	41,800	1,172
CATFISH	1,200	295	3,000	742	100	34
GIZZARD SHAD	-	-	(1)	(1)	(1)	(1)
LAKE HERRING	(1)	2	100	66	-	-
SHEEPSHEAD	11,900	250	39,200	822	200	3
SMELT	7,200	688	-	-	-	-
STURGEON, COMMON	100	202	-	-	-	-
SUCKERS	1,300	27	3,700	79	(1)	(1)
WHITE BASS	7,600	1,180	10,300	1,585	(1)	1
WHITEFISH, COMMON	(1)	16	200	118	-	-
YELLOW PERCH	1,329,400	150,223	(1)	1	-	-
YELLOW PIKE	7,500	3,525	51,800	24,390	1,100	516
TOTAL	1,366,800	156,450	138,600	28,696	43,700	1,773

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1966 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED					
	LINES, LONG OR SET WITH HOOKS		DIP NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	-	-	100	$39
BUFFALOFISH	(1)	$2	-	-	32,700	3,465
BULLHEADS	3,900	535	(1)	(1)	54,600	7,483
BURBOT	-	-	-	-	3,000	245
CARP	2,700	75	100	$2	2,773,000	77,644
CATFISH	131,100	32,782	(1)	(1)	711,100	177,769
GIZZARD SHAD	-	-	-	-	21,200	425
GOLDFISH	-	-	-	-	135,000	4,050
LAKE HERRING	-	-	-	-	100	106
LAKE TROUT	-	-	-	-	(1)	19
MOONEYE OR GOLDEYE	-	-	-	-	(1)	1
SAUGER	-	-	-	-	(1)	3
SHEEPSHEAD	3,100	65	(1)	1	2,058,100	43,220
SMELT	-	-	-	-	8,500	815
STURGEON, COMMON	(1)	65	-	-	300	464
SUCKERS	(1)	(1)	-	-	139,900	2,938
WHITE BASS	(1)	(1)	-	-	1,151,200	177,285
WHITEFISH, COMMON	-	-	-	-	2,300	1,366
YELLOW PERCH	300	31	(1)	2	3,261,800	368,587
YELLOW PIKE	-	-	-	-	162,800	76,688
TOTAL	141,100	33,555	100	5	10,515,700	942,612

SPECIES	LAKE ERIE - CONTINUED							
	MICHIGAN							
	HAUL SEINES		TRAP NETS		FYKE AND HOOP NETS		GILL NETS	
							2-1/8 - 3-7/8 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	1,200	$183	7,300	$1,081	1,600	$241	-	-
BULLHEADS	1,300	152	(1)	5	500	63	(1)	(1)
CARP	731,200	23,397	192,600	6,164	4,200	132	-	-
CATFISH	16,700	4,751	12,500	3,562	700	189	200	$49
GARFISH	-	-	300	3	-	-	-	-
GIZZARD SHAD	-	-	500	10	-	-	-	-
ROCK BASS	-	-	100	16	(1)	5	-	-
SHEEPSHEAD	900	34	91,800	3,396	800	30	-	-
SUCKERS	-	-	44,000	1,144	-	-	-	-
WHITE BASS	200	32	63,400	11,289	400	70	-	-
WHITEFISH, COMMON	-	-	(1)	26	-	-	-	-
YELLOW PERCH	-	-	135,200	14,465	1,200	126	400	41
YELLOW PIKE	100	73	74,300	36,246	-	-	(1)	6
TOTAL	751,600	28,622	622,000	77,407	9,400	856	600	96

SPECIES	LAKE ERIE - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED		LINES, LONG OR SET WITH HOOKS		TOTAL	
	4 - 7 INCH MESH					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	-	-	10,100	$1,505
BULLHEADS	-	-	-	-	1,800	220
CARP	700	$23	-	-	928,700	29,716
CATFISH	300	87	1,100	$308	31,500	8,946
GARFISH	-	-	-	-	300	3
GIZZARD SHAD	-	-	-	-	500	10
ROCK BASS	-	-	-	-	100	21
SHEEPSHEAD	300	10	-	-	93,800	3,470
SUCKERS	200	6	-	-	44,200	1,150
WHITE BASS	1,300	234	-	-	65,300	11,625
WHITEFISH, COMMON	-	-	-	-	(1)	26
YELLOW PERCH	-	-	-	-	136,800	14,632
YELLOW PIKE	1,700	812	-	-	76,100	37,137
TOTAL	4,500	1,172	1,100	308	1,389,200	108,461

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1966 - Continued

SPECIES	LAKE HURON							
	MICHIGAN							
	HAUL SEINES		POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	600	$23	-	-
BULLHEADS	-	-	-	-	1,000	149	400	$63
CARP	226,300	$12,219	-	-	171,700	9,272	200	13
CATFISH	9,800	3,030	-	-	91,800	28,353	(1)	1
CHUBS	-	-	-	-	(1)	4	-	-
CRAPPIE	-	-	-	-	900	265	-	-
GIZZARD SHAD	-	-	-	-	1,200	13	-	-
LAKE HERRING	-	-	-	-	100	13	-	-
PIKE OR PICKEREL	-	-	-	-	1,100	339	100	46
QUILLBACK	-	-	-	-	19,900	577	-	-
ROCK BASS	-	-	-	-	2,800	576	100	12
SHEEPSHEAD	-	-	-	-	16,900	915	-	-
SMELT	-	-	29,800	$1,489	-	-	-	-
STURGEON, COMMON	-	-	-	-	400	449	-	-
SUCKERS	21,600	928	-	-	261,200	11,231	10,800	464
WHITE BASS	-	-	-	-	1,100	194	-	-
WHITEFISH:								
COMMON	-	-	2,100	1,126	60,300	33,076	-	-
MENOMINEE	-	-	-	-	(1)	(1)	-	-
YELLOW PERCH	800	95	100	4	746,700	85,124	10,900	1,237
YELLOW PIKE	-	-	-	-	44,700	24,241	-	-
TOTAL	258,500	16,272	32,000	2,619	1,422,400	194,814	22,500	1,836

SPECIES	LAKE HURON - CONTINUED							
	MICHIGAN - CONTINUED							
	GILL NETS							
	1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH		7-1/8 - 14 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	4,200	$63	-	-	-	-
BULLHEADS	-	-	(1)	2	-	-	-	-
CARP	-	-	500	26	6,800	$368	422,900	$22,834
CATFISH	-	-	200	74	500	159	1,500	458
CHUBS	-	-	807,300	156,612	-	-	-	-
GIZZARD SHAD	-	-	-	-	-	-	(1)	(1)
LAKE HERRING	-	-	16,000	2,442	300	44	-	-
PIKE OR PICKEREL	-	-	(1)	9	300	83	(1)	2
ROCK BASS	-	-	(1)	1	(1)	8	(1)	3
SHEEPSHEAD	-	-	100	2	200	8	(1)	1
SMELT	(1)	$2	-	-	-	-	-	-
SUCKERS	-	-	1,200	53	14,500	624	4,000	174
WHITE BASS	-	-	-	-	100	25	-	-
WHITEFISH:								
COMMON	-	-	(1)	1	109,300	59,921	-	-
MENOMINEE	-	-	11,800	2,921	100	19	-	-
YELLOW PERCH	-	-	559,300	63,761	(1)	4	200	22
YELLOW PIKE	-	-	100	66	6,000	3,228	600	317
TOTAL	(1)	2	1,400,700	226,033	138,100	64,491	429,200	23,811

SPECIES	LAKE HURON - CONTINUED			
	MICHIGAN - CONTINUED			
	LINES, LONG OR SET WITH HOOKS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	4,200	$63
BOWFIN	-	-	600	23
BULLHEADS	-	-	1,400	214
CARP	3,100	$169	831,500	44,901
CATFISH	62,200	19,218	166,000	51,293
CHUBS	-	-	807,300	156,616
CRAPPIE	-	-	900	265
GIZZARD SHAD	-	-	1,200	13
LAKE HERRING	-	-	16,400	2,499
PIKE OR PICKEREL	-	-	1,500	479
QUILLBACK	-	-	19,900	577
ROCK BASS	-	-	2,900	600
SHEEPSHEAD	(1)	1	17,200	927
SMELT	-	-	29,800	1,491
STURGEON, COMMON	-	-	400	449

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1966 - Continued

SPECIES	LAKE HURON - CONTINUED			
	MICHIGAN - CONTINUED			
	LINES, LONG OR SET WITH HOOKS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
SUCKERS	-	-	313,300	$13,474
WHITE BASS	-	-	1,200	219
WHITEFISH:				
COMMON	-	-	171,700	94,124
MENOMINEE	-	-	11,900	2,940
YELLOW PERCH	100	$12	1,318,100	150,259
YELLOW PIKE	(1)	2	51,400	27,854
TOTAL	65,400	19,402	3,768,800	549,280

SPECIES	LAKE MICHIGAN					
	MICHIGAN					
	OTTER TRAWL		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	3,390,400	$50,856	3,046,600	$45,699	-	-
BURBOT	-	-	100	8	-	-
CARP	1,500	28	200	3	-	-
CATFISH	(1)	6	-	-	-	-
CHUBS	59,500	3,170	-	-	-	-
LAKE HERRING	(1)	6	(1)	(1)	(1)	(1)
PIKE OR PICKEREL	(1)	4	(1)	3	200	$19
SMELT	123,900	2,862	854,300	24,935	-	-
STURGEON, COMMON	-	-	300	267	100	58
SUCKERS	3,700	258	(1)	(1)	500	39
WHITEFISH:						
COMMON	1,000	499	277,100	134,404	300,200	145,580
MENOMINEE	-	-	(1)	4	1,500	511
YELLOW PERCH	6,900	1,020	100	8	1,200	181
YELLOW PIKE	-	-	1,300	603	1,400	654
TOTAL	3,586,900	58,709	4,180,000	205,934	305,100	147,042

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS					
	1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	200	$3	900	$14	100	$1
BURBOT	-	-	-	-	300	26
CARP	-	-	100	1	400	8
CATFISH	(1)	1	(1)	4	-	-
CHUBS	-	-	2,250,300	409,556	3,200	573
GARFISH	-	-	(1)	(1)	-	-
LAKE HERRING	(1)	1	26,600	3,674	500	63
PIKE OR PICKEREL	-	-	100	9	300	41
ROCK BASS	-	-	(1)	1	-	-
SAUGER	-	-	-	-	100	6
SHEEPSHEAD	-	-	(1)	(1)	(1)	1
SMELT	36,800	3,972	600	70	2,000	223
STURGEON, COMMON	-	-	500	488	(1)	12
SUCKERS	100	5	4,200	295	14,500	1,014
WHITEFISH:						
COMMON	(1)	3	2,800	1,352	699,100	339,055
MENOMINEE	-	-	16,200	5,786	800	290
YELLOW PERCH	(1)	5	377,200	55,445	600	82
YELLOW PIKE	-	-	(1)	4	10,900	5,175
TOTAL	37,100	3,990	2,679,500	476,699	732,800	346,570

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1966 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED							
	MICHIGAN - CONTINUED						INDIANA	
	GILL NETS - CONTINUED		LINES, LONG OR SET WITH HOOKS		TOTAL		GILL NETS	
	7-1/8 - 14 INCH MESH						2-1/8 - 3-7/8 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	6,438,200	$96,573	2,000	$50
BURBOT	-	-	-	-	400	34	-	-
CARP	-	-	-	-	2,200	40	1,000	30
CATFISH	-	-	-	-	(1)	11	-	-
CHUBS	-	-	-	-	2,313,000	413,299	-	-
GARFISH	-	-	-	-	(1)	(1)	-	-
LAKE HERRING	-	-	-	-	27,100	3,744	-	-
PIKE OR PICKEREL	-	-	-	-	600	76	-	-
ROCK BASS	-	-	-	-	(1)	1	-	-
SAUGER	-	-	-	-	100	6	-	-
SHEEPSHEAD	-	-	-	-	(1)	1	-	-
SMELT	-	-	- -	-	1,017,600	32,062	-	-
STURGEON, COMMON	600	$549	100	$57	1,600	1,431	-	-
SUCKERS	-	-	-	-	23,000	1,611	1,500	45
WHITEFISH:								
COMMON	-	-	-	-	1,280,200	620,893	-	-
MENOMINEE	-	-	-	-	18,500	6,591	-	-
YELLOW PERCH	-	-	100	10	366,100	56,751	82,100	9,851
YELLOW PIKE	-	-	-	-	13,600	6,436	-	-
TOTAL	600	549	200	67	11,522,200	1,239,560	86,600	9,976

SPECIES	LAKE MICHIGAN - CONTINUED							
	ILLINOIS		WISCONSIN					
	GILL NETS		HAUL SEINES		OTTER TRAWL		POUND NETS	
	2-1/8 - 3-7/8 INCH MESH							
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	15,157,500	$227,363	7,377,200	$110,658
BURBOT	-	-	-	-	-	-	1,500	75
CARP	-	-	2,274,300	$45,485	41,200	823	100	1
CHUBS	269,800	$52,315	(1)	(1)	178,100	6,195	(1)	1
LAKE HERRING	2,200	278	-	-	100	15	800	123
PIKE OR PICKEREL	-	-	-	-	-	-	100	15
SMELT	(1)	(1)	-	-	10,200	510	17,400	869
SUCKERS	-	-	200	4	48,700	1,461	8,800	263
WHITEFISH, COMMON	-	-	100	41	-	-	48,500	25,687
YELLOW PERCH	30,500	5,089	-	-	1,100	195	900	169
YELLOW PIKE	-	-	-	-	-	-	700	274
TOTAL	302,500	57,682	2,274,600	45,530	15,436,900	236,562	7,456,000	138,135

SPECIES	LAKE MICHIGAN - CONTINUED							
	WISCONSIN - CONTINUED							
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS			
					1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	11,400	$171	-	-	16,400	$246
BULLHEADS	-	-	8,600	685	-	-	500	40
BURBOT	-	-	6,900	344	-	-	100	5
CARP	-	-	61,200	1,225	-	-	700	15
CATFISH	-	-	200	43	-	-	-	-
CHUBS	-	-	-	-	100	$1	4,466,300	963,019
LAKE HERRING	-	-	-	-	-	-	15,200	2,282
LAKE TROUT	-	-	-	-	-	-	100	56
PIKE OR PICKEREL	(1)	$2	23,300	2,796	-	-	200	22
SMELT	-	-	-	-	60,400	3,023	2,400	121
SUCKERS	200	6	238,600	7,159	-	-	7,300	218
WHITEFISH:								
COMMON	-	-	-	-	-	-	(1)	11
MENOMINEE	-	-	-	-	-	-	100	26
YELLOW PERCH	-	-	114,600	20.620	(1)	4	119,600	21,532
YELLOW PIKE	-	-	2,800	1,166	-	-	100	48
TOTAL	200	8	467,600	34.209	60.500	3,028	4,629.000	987.641

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1966 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	GILL NETS				TOTAL	
	4 - 7 INCH MESH		7-1/8 - 14 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	1,100	$17	-	-	22,563,600	$338,455
BULLHEADS	(1)	2	-	-	9,100	727
BURBOT.	700	34	(1)	$1	9,200	459
CARP.	7,100	142	326,500	6,531	2,711,100	54,222
CATFISH	-	-	-	-	200	43
CHUBS	(1)	3	-	-	4,644,500	969,219
LAKE HERRING.	4,000	595	-	-	20,100	3,015
LAKE TROUT.	(1)	9	-	-	100	65
PIKE OR PICKEREL.	9,200	1,107	-	-	32,800	3,942
SMELT	2,500	124	-	-	92,900	4,647
SUCKERS	75,000	2,251	(1)	(1)	378,800	11,362
WHITEFISH:						
COMMON.	93,300	49,473	-	-	141,900	75,212
MENOMINEE	(1)	3	-	-	100	29
YELLOW PERCH.	1,400	251	(1)	3	237,600	42,774
YELLOW PIKE	7,300	3,072	-	-	10,900	4,560
TOTAL.	201,600	57,083	326,500	6,535	30,852,900	1,508,731

SPECIES	LAKE SUPERIOR							
	MICHIGAN							
	HAUL SEINES		OTTER TRAWL		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	-	-	300	$5	-	-	-	-
BURBOT.	-	-	400	27	-	-	-	-
CARP.	-	-	-	-	100	$1	-	-
CHUBS	-	-	102,600	5,302	-	-	-	-
LAKE HERRING.	-	-	2,600	264	600	58	-	-
PIKE OR PICKEREL.	-	-	-	-	100	15	-	-
SMELT	-	-	13,400	1,296	33,600	3,351	-	-
STURGEON, COMMON.	-	-	-	-	300	323	100	$98
SUCKERS	-	-	1,700	117	600	38	-	-
WHITEFISH:								
COMMON.	-	-	200	105	29,400	15,508	58,600	30,918
MENOMINEE	500	$81	-	-	-	-	-	-
YELLOW PERCH.	100	14	-	-	-	-	-	-
YELLOW PIKE	-	-	-	-	100	64	-	-
TOTAL.	600	95	121,200	7,116	64,800	19,358	58,700	31,016

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	FYKE AND HOOP NETS		GILL NETS			
			1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	-	-	(1)	(1)	-	-
BURBOT.	-	-	-	-	100	$8
CARP.	-	-	-	-	(1)	(1)
CHUBS	-	-	-	-	679,600	112,377
LAKE HERRING.	-	-	100	$6	3,327,000	338,361
PIKE OR PICKEREL.	-	-	-	-	(1)	4
SMELT	-	-	39,600	4,236	6,200	660
STURGEON, COMMON.	-	-	-	-	100	48
SUCKERS	1,100	$76	100	9	2,600	172
WHITEFISH:						
COMMON.	-	-	(1)	3	100	71
MENOMINEE	-	-	100	10	9,900	1,680
YELLOW PERCH.	-	-	-	-	8,200	852
YELLOW PIKE	-	-	-	-	(1)	24
TOTAL.	1,100	76	39,900	4,264	4,033,800	454,257

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1966 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS - CONTINUED				TOTAL	
	4 - 7 INCH MESH		7-1/8 - 14 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	300	$5
BURBOT	1,200	$74	-	-	1,700	109
CARP	-	-	-	-	100	1
CHUBS	-	-	-	-	782,200	117,679
LAKE HERRING	2,000	211	-	-	3,332,300	338,900
LAKE TROUT	65,800	45,646	-	-	65,800	45,646
PIKE OR PICKEREL	-	-	-	-	100	19
SAUGER	3,500	152	-	-	3,500	152
SMELT	(1)	4	-	-	92,800	9,547
STURGEON, COMMON	-	-	-	-	500	469
SUCKERS	6,400	428	-	-	12,500	840
WHITEFISH:						
COMMON	203,900	107,657	100	$78	292,300	154,340
MENOMINEE	(1)	7	-	-	10,500	1,778
YELLOW PERCH	200	20	-	-	8,500	886
YELLOW PIKE	500	191	-	-	600	279
TOTAL	283,500	154,390	100	78	4,603,700	670,650

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN					
	POUND NETS		GILL NETS			
			1-1/4 - 2 INCH MESH		2-1/8 - 3-7/8 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	(1)	$2	-	-	-	-
BURBOT	(1)	(1)	(1)	(1)	1,200	$12
CATFISH	(1)	(1)	-	-	-	-
CHUBS	-	-	-	-	930,400	145,920
LAKE HERRING	-	-	(1)	(1)	606,700	78,867
LAKE TROUT	-	-	-	-	200	118
PIKE OR PICKEREL	(1)	6	-	-	-	-
SMELT	285,100	42,761	23,500	$3,534	100	11
SUCKERS	9,700	647	-	-	200	17
WHITEFISH:						
COMMON	12,100	6,403	-	-	(1)	2
MENOMINEE	-	-	(1)	2	8,000	964
YELLOW PERCH	-	-	-	-	(1)	1
YELLOW PIKE	(1)	13	-	-	-	-
TOTAL	306,900	49,832	23,500	3,536	1,546,800	225,912

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN - CONTINUED				MINNESOTA	
	GILL NETS - CONTINUED		TOTAL		POUND NETS	
	4 - 7 INCH MESH					
	POUND	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	-	-	(1)	$2	-	-
BURBOT	1,600	$16	2,800	28	-	-
CARP	100	1	100	1	-	-
CATFISH	-	-	(1)	(1)	-	-
CHUBS	(1)	7	930,400	145,927	-	-
LAKE HERRING	1,300	174	608,000	79,041	-	-
LAKE TROUT	48,500	30,566	48,700	30,684	-	-
PIKE OR PICKEREL	-	-	(1)	6	-	-
SMELT	300	45	309,000	46,351	862,900	$17,250
SUCKERS	4,900	326	14,800	990	-	-
WHITEFISH:						
COMMON	34,600	18,326	46,700	24,731	-	-
MENOMINEE	1,100	131	9,100	1,097	-	-
YELLOW PERCH	-	-	(1)	1	-	-
YELLOW PIKE	-	-	(1)	13	-	-
TOTAL	92,400	49,592	1,969,600	328,872	862,900	17,250

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY LAKE, STATE, AND CATCH BY GEAR, 1966 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	MINNESOTA - CONTINUED					
	GILL NETS				TOTAL	
	2-1/8 - 3-7/8 INCH MESH		4 - 7 INCH MESH			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT	100	$3	-	-	100	$3
CHUBS	244,400	21,990	-	-	244,400	21,990
LAKE HERRING	567,400	52,410	-	-	567,400	52,410
LAKE TROUT	-	-	5,000	$3,185	5,000	3,185
SMELT	-	-	-	-	862,900	17,250
SUCKERS	(1)	(1)	-	-	(1)	(1)
WHITEFISH:						
COMMON	-	-	2,200	116	2,200	116
MENOMINEE	2,800	500	-	-	2,800	500
TOTAL	814,700	74,903	7,200	3,301	1,684,800	95,454

SPECIES	LAKE OF THE WOODS					
	MINNESOTA					
	POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	-	-	100	$4
BULLHEADS	(1)	(1)	300	$22	3,900	250
BURBOT	2,900	$117	31,000	1,240	5,500	219
MOONEYE OR GOLDEYE	-	-	(1)	(1)	(1)	(1)
PIKE OR PICKEREL	10,200	768	9,100	678	7,000	525
QUILLBACK	(1)	1	(1)	(1)	3,800	56
SAUGER	400	87	10,500	2,083	1,800	347
SUCKERS	3,600	73	4,600	92	7,500	149
TULLIBEE	200	8	204,000	6,108	400	11
WHITEFISH, COMMON	-	-	(1)	22	(1)	1
YELLOW PERCH	100	11	7,500	825	4,200	463
YELLOW PIKE	1,800	648	40,100	14,444	5,000	1,793
TOTAL	19,200	1,713	307,100	25,514	39,200	3,818

SPECIES	LAKE OF THE WOODS - CONTINUED				LAKE NAMAKAN		RAINY LAKE	
	MINNESOTA - CONTINUED				MINNESOTA		MINNESOTA	
	GILL NETS		TOTAL		GILL NETS		GILL NETS	
	4 - 7 INCH MESH				4 - 7 INCH MESH		4 - 7 INCH MESH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	100	$4	-	-	-	-
BULLHEADS	400	$28	4,600	300	-	-	-	-
BURBOT	23,100	924	62,500	2,500	3,300	$100	10,400	$300
MOONEYE OR GOLDEYE	(1)	(1)	(1)	(1)	-	-	-	-
PIKE OR PICKEREL	37,700	2,829	64,000	4,800	-	-	8,600	600
QUILLBACK	-	-	3,800	57	-	-	-	-
SAUGER	14,600	2,883	27,300	5,400	-	-	(1)	(1)
SUCKERS	181,300	3,610	197,000	3,924	5,500	200	26,300	753
TULLIBEE	717,200	21,473	921,800	27,600	4,700	200	13,000	400
WHITEFISH, COMMON	100	26	100	49	16,500	5,400	15,000	4,500
YELLOW PERCH	11,000	1,201	22,800	2,500	-	-	100	8
YELLOW PIKE	258,300	92,915	305,200	109,800	-	-	11,800	4,700
TOTAL	1,243,700	125,889	1,609,200	156,934	30,000	5,900	85,200	11,261

1/ LESS THAN 50 POUNDS OR 50 CENTS.

SECTION 9 - MISSISSIPPI RIVER FISHERIES

Commercial landings of fish and shellfish from the waters of the Mississippi River and its tributaries were 111.9 million pounds worth $10.5 million--a gain of 27.1 million pounds and $2.7 million compared with 1965. The increase resulted principally from a greater harvest of mussel shells in Alabama, Arkansas, Illinois, Indiana, Kentucky, Tennessee, and Wisconsin. The volume of mussel shells landed was almost three times that of the previous year. These shells are taken primarily for export to Japan.

Five items--buffalofish, carp, catfish and bullheads, sheepshead, and mussel shells--accounted for 93 percent of the volume and 90 percent of the value. The catch was made by 15,367 fishermen using 2 vessels, 11,106 motor boats, and 228 other boats. This was an increase of 5,795 fishermen and 3,031 motor boats, but a decrease of 95 other boats. There were 2 less vessels than in the previous year.

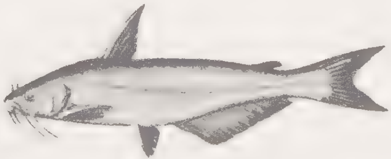
Because of the phenomenal increase in the mussel shell harvest, Arkansas became the leading State in volume of landings with 16.2 million pounds, followed by Alabama with 15.3 million, and Wisconsin with 14.4 million pounds. Six States (Alabama, Arkansas, Illinois, Minnesota, Tennessee, and Wisconsin) accounted for 67 percent of the volume and 58 percent of the value.

The value of processed products was $14.4 million--a decline of $1.5 million compared with the previous year. Decreases occurred in all but three States--Louisiana, Missouri, and Wisconsin. Missouri, usually one of the largest producers of processed products, accounted for 44 percent of the total value. Oklahoma, Tennessee, and Texas together accounted for 26 percent of the value, and Wisconsin, 13 percent.

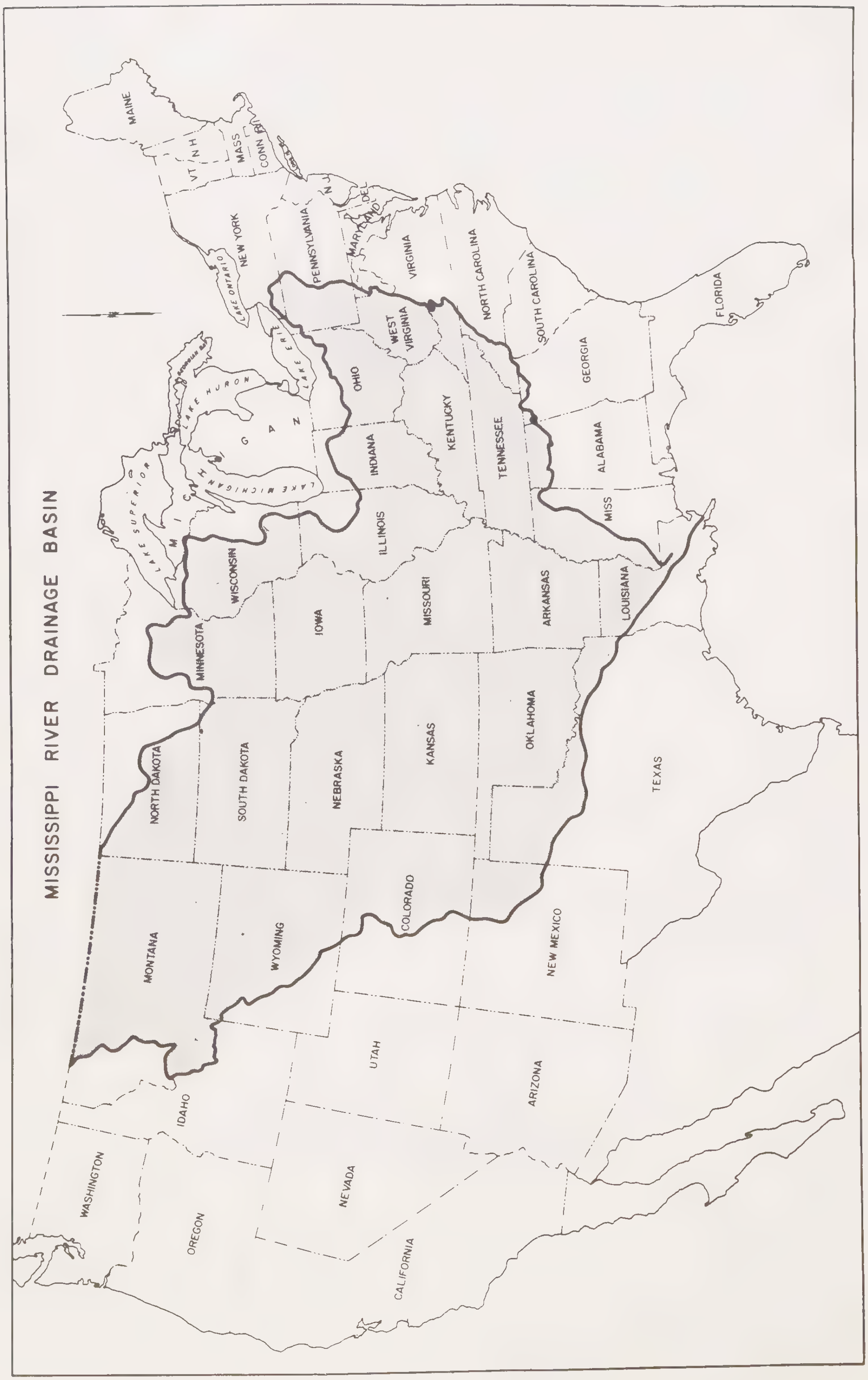
In 1966, as in the previous year, the Mississippi River section includes some data from river systems not connected with or draining into the Mississippi River as its tributaries. For example, salmon are reported in the section. These were taken from waters draining into the Pacific Ocean. Catches are also reported from river systems draining north into Hudson Bay and south into the Gulf of Mexico. Not all of the lake and fishpond harvest are included in the catch data as limitation of funds prevents conducting a complete survey of the area.

Condensed summary data on the operating units and landings by States of the Mississippi River Fisheries appearing on the following pages have been previously published in Current Fishery Statistics No. 4718.

The following organizations assisted in collecting data appearing in this section: Alabama Department of Conservation, Division of Game and Fish; Arizona Game and Fish Department; Arkansas Game and Fish Commission, Division of Fisheries; Colorado Game, Fish and Parks Department; Idaho Fish and Game Department; Illinois Department of Conservation, Division of Fisheries; Indiana Department of Conservation, Division of Fish and Game, Section of Fish Management; Iowa State Conservation Commission, Division of Fish and Game; Kansas Forestry, Fish and Game Commission, Fisheries Division; Kentucky Department of Fish and Wildlife Resources; Louisiana Wild Life and Fisheries Commission; Minnesota Department of Conservation, Division of Game and Fish, Section of Fisheries; Mississippi Game and Fish Commission; Missouri Conservation Commission; Montana Department of Fish and Game, Fisheries Management; Nebraska Game, Forestation and Parks Commission, Fishery Division; New Mexico Department of Game and Fish; North Dakota Game and Fish Department, Fisheries Division; Oklahoma Department of Wildlife Conservation, Division of Fisheries; South Dakota Department of Game, Fish and Parks; Tennessee Game and Fish Commission, Fish Management Division; Texas Game and Fish Commission, Inland Fisheries; Utah State Fish and Game Department; Wisconsin Conservation Department, Fish Management Division; Wyoming Game and Fish Commission; and the Tennessee Valley Authority, Fish and Game Branch.



CATFISH



MISSISSIPPI RIVER DRAINAGE BASIN

MISSISSIPPI RIVER FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA	2,944	455	12,321	444	15,265	899
ARIZONA	30	6	-	-	30	6
ARKANSAS	5,128	757	11,049	978	16,177	1,735
COLORADO	76	2	-	-	76	2
IDAHO	3,025	141	-	-	3,025	141
ILLINOIS	5,610	616	4,174	273	9,784	889
INDIANA	37	7	6,311	1,257	6,348	1,264
IOWA	3,414	264	-	-	3,414	264
KANSAS	27	8	32	2	59	10
KENTUCKY	2,144	414	1,150	89	3,294	503
LOUISIANA	4,005	554	2,003	348	6,008	902
MINNESOTA	9,496	718	187	8	9,683	726
MISSISSIPPI	2,828	431	300	5	3,128	436
MISSOURI	235	34	106	5	341	39
MONTANA	676	49	-	-	676	49
NEBRASKA	294	29	-	-	294	29
NEW MEXICO	94	9	-	-	94	9
NORTH DAKOTA	739	62	-	-	739	62
OHIO	-	-	177	14	177	14
OKLAHOMA	798	94	1,500	79	2,298	173
SOUTH DAKOTA	2,960	196	-	-	2,960	196
TENNESSEE	4,297	586	5,112	491	9,409	1,077
TEXAS	1,376	196	2	(1)	1,378	196
UTAH	657	20	170	42	827	62
WISCONSIN	12,377	667	2,011	120	14,388	787
TOTAL	63,261	6,359	48,611	4,155	111,872	10,514

1/ LESS THAN $500.

SUMMARY OF OPERATING UNITS, 1966

ITEM	ALABAMA	ARIZONA	ARKANSAS	COLORADO	IDAHO	ILLINOIS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	299	-	770	6	4	198
CASUAL	211	4	2,561	2	237	480
TOTAL	510	4	3,331	8	241	678
BOATS:						
MOTOR	510	2	2,756	4	238	595
OTHER	-	2	31	-	5	1
GEAR:						
HAUL SEINES, COMMON	-	-	18	3	6	27
LENGTH, YARDS	-	-	5,100	1,633	400	8,395
FYKE AND HOOP NETS, FISH	-	-	4,814	-	-	4,951
POTS AND TRAPS, WIRE BASKETS	150	-	-	-	-	1,862
GILL NETS, ANCHOR, SET OR STAKE	469	32	378	-	-	56
SQUARE YARDS	124,755	1,066	75,600	-	-	9,466
TRAMMEL NETS	60	-	460	-	-	435
SQUARE YARDS	15,960	-	122,360	-	-	75,154
LINES:						
HAND	-	-	-	-	236	-
HOOKS	-	-	-	-	236	-
LONG OR SET WITH HOOKS	2,667	-	1,727	-	-	620
HOOKS	266,700	-	86,200	-	-	58,360
SNAG	800	-	1,315	-	-	-
HOOKS	400,000	-	394,500	-	-	-
DIP NETS, COMMON	7	-	32	-	-	-
DREDGES, MUSSEL	210	-	680	-	-	-
YARDS AT MOUTH	222	-	680	-	-	-
TONGS	-	-	50	-	-	-
RAKES	-	-	25	-	-	-
CROWFOOT BARS	450	-	1,190	-	-	241
DIVING OUTFITS	-	-	150	-	-	13

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1966 - Continued

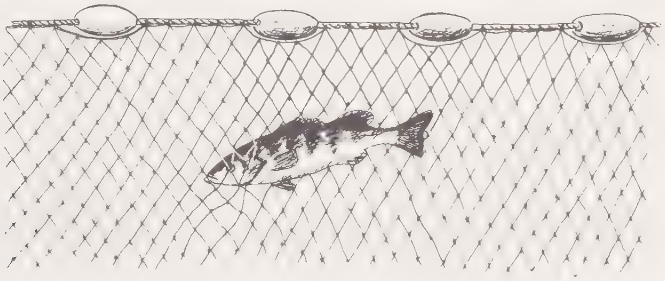
ITEM	INDIANA	IOWA	KANSAS	KENTUCKY	LOUISIANA	MINNESOTA	MISSISSIPPI
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	125	128	-	133	369	408	182
CASUAL	2,688	444	140	882	1,092	275	457
TOTAL	2,813	572	140	1,015	1,461	683	639
BOATS:							
MOTOR	380	519	13	980	1,458	386	586
OTHER	-	31	-	11	8	46	14
GEAR:							
HAUL SEINES, COMMON	-	32	-	4	6	50	23
LENGTH, YARDS	-	8,000	-	341	3,300	32,158	8,100
WEIRS	-	13	-	-	-	40	-
POUND NETS	-	-	-	-	-	14	-
TRAP NETS	-	-	-	-	-	156	-
FYKE AND HOOP NETS, FISH	165	3,251	61	4,015	28,925	2,625	3,210
POTS AND TRAPS:							
CRAWFISH	-	-	-	-	39,258	-	-
FISH	-	3,880	-	-	-	-	-
SHRIMP	-	-	-	-	215	-	-
GILL NETS, ANCHOR, SET OR STAKE	-	402	-	112	1,825	229	941
SQUARE YARDS	-	26,800	-	19,040	584,603	337,900	360,410
TRAMMEL NETS	-	267	11	165	895	-	137
SQUARE YARDS	-	53,400	1,657	27,555	192,068	-	49,590
LINES:							
HAND	-	-	-	-	213	-	-
HOOKS	-	-	-	-	213	-	-
LONG OR SET WITH HOOKS	72	1,641	21	2,213	2,237	44	1,352
HOOKS	4,100	164,100	107	192,531	318,550	9,020	341,700
SNAG	-	-	-	616	-	-	455
HOOKS	-	-	-	240,240	-	-	568,750
ELECTRICAL DEVICES	-	1	-	-	-	-	-
DIP NETS, COMMON	-	-	-	11	195	-	-
RAKES	-	-	-	-	-	-	40
CROWFOOT BARS	120	-	-	214	-	10	-
FROG GRABS	-	-	-	-	166	-	-
FISHING OUTFITS	125	-	-	-	-	-	-

ITEM	MISSOURI	MONTANA	NEBRASKA	NEW MEXICO	NORTH DAKOTA	OHIO	OKLAHOMA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	14	11	30	1	5	-	47
CASUAL	206	1	60	1	22	17	151
TOTAL	220	12	90	2	27	17	198
BOATS:							
MOTOR	219	9	74	1	8	17	94
OTHER	-	2	21	-	3	-	-
GEAR:							
HAUL SEINES, COMMON	1	3	22	-	4	-	-
LENGTH, YARDS	100	900	2,817	-	4,000	-	-
TRAP NETS	-	6	-	-	-	-	-
FYKE AND HOOP NETS, FISH	998	-	511	-	511	-	-
POTS AND TRAPS, WIRE BASKETS	-	-	223	-	-	-	-
GILL NETS, ANCHOR, SET OR STAKE	-	19	-	71	-	-	300
SQUARE YARDS	-	5,000	-	13,348	-	-	117,000
TRAMMEL NETS	131	15	108	-	-	-	38
SQUARE YARDS	24,150	3,000	14,133	-	-	-	10,070
LINES, LONG OR SET WITH HOOKS	165	-	-	-	-	-	-
HOOKS	16,008	-	-	-	-	-	-
CROWFOOT BARS	28	-	-	-	-	34	-

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1966 - Continued

ITEM	SOUTH DAKOTA	TENNESSEE	TEXAS	UTAH	WISCONSIN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	-	-	6	6
ON BOATS AND SHORE:						
REGULAR	9	528	87	6	179	3,539
CASUAL	42	843	190	6	810	11,822
TOTAL	51	1,371	277	12	995	15,367
VESSELS, MOTOR	-	-	-	-	2	2
GROSS TONNAGE	-	-	-	-	22	22
BOATS:						
MOTOR	20	1,337	231	3	666	11,106
OTHER	6	1	-	-	46	228
GEAR:						
HAUL SEINES, COMMON	4	-	-	1	45	249
LENGTH, YARDS	3,306	-	-	400	22,045	100,995
OTTER TRAWLS, FISH	-	-	-	-	3	3
YARDS AT MOUTH	-	-	-	-	47	47
WEIRS	-	-	-	-	3	56
POUND NETS	-	-	-	-	-	14
TRAP NETS	-	8	-	-	195	365
FYKE AND HOOP NETS:						
FISH	395	3,675	322	-	925	59,354
TURTLE	-	80	-	-	-	80
POTS AND TRAPS:						
CRAWFISH	-	-	-	-	-	39,258
FISH	-	-	-	-	-	3,880
SHRIMP	-	-	-	-	-	215
WIRE BASKETS	-	-	-	-	1,199	3,434
GILL NETS, ANCHOR, SET OR STAKE	45	109	607	-	100	5,695
SQUARE YARDS	9,000	25,240	128,750	-	88,837	1,926,815
TRAMMEL NETS	-	797	83	-	37	3,639
SQUARE YARDS	-	208,819	16,887	-	6,353	821,156
LINES:						
HAND	-	-	-	-	-	449
HOOKS	-	-	-	-	-	449
LONG OR SET WITH HOOKS	-	4,428	564	-	378	18,129
HOOKS	-	403,360	42,125	-	107,020	2,009,881
SNAG	-	979	-	-	-	4,165
HOOKS	-	463,300	-	-	-	2,066,790
ELECTRICAL DEVICES	-	-	-	-	-	1
DIP NETS, COMMON	-	25	-	-	-	270
DREDGES, MUSSEL	-	-	-	-	-	890
YARDS AT MOUTH	-	-	-	-	-	902
TONGS	-	-	-	-	-	50
RAKES	-	-	-	-	-	65
CROWFOOT BARS	-	734	-	-	160	3,181
FROG GRABS	-	-	-	-	-	166
DIVING OUTFITS	-	-	-	-	34	322



GILL NETS

LANDINGS BY STATES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALABAMA		ARIZONA		ARKANSAS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	-	-	12	1
BUFFALOFISH	927	93	25	5	2,764	364
CARP	413	18	5	1	943	47
CATFISH AND BULLHEADS	1,036	320	-	-	839	294
GARFISH	-	-	-	-	258	20
GIZZARD SHAD	172	7	-	-	-	-
PADDLEFISH	71	6	-	-	30	6
QUILLBACK	(1)	(1)	-	-	87	4
SHEEPSHEAD	322	11	-	-	126	17
STURGEON, SHOVELNOSE	-	-	-	-	9	1
SUCKERS	3	(1)	-	-	60	3
TOTAL FISH	2,944	455	30	6	5,128	757
SHELLFISH, ETC.						
MUSSEL SHELLS	12,321	444	-	-	11,000	956
TURTLES:						
BABY	-	-	-	-	4	20
SLIDER	-	-	-	-	22	1
SNAPPER	-	-	-	-	18	1
SOFT-SHELL	-	-	-	-	5	(1)
TOTAL SHELLFISH, ETC.	12,321	444	-	-	11,049	978
GRAND TOTAL	15,265	899	30	6	16,177	1,735

SPECIES	COLORADO		IDAHO		ILLINOIS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	-	-	4	(1)
BUFFALOFISH	-	-	-	-	1,923	209
CARP	43	1	1,793	36	2,050	101
CATFISH AND BULLHEADS	-	-	-	-	846	240
CHUBS	-	-	157	3	-	-
EELS, COMMON	-	-	-	-	1	(1)
GARFISH	-	-	-	-	28	1
MOONEYE	-	-	-	-	1	(1)
PADDLEFISH	-	-	-	-	59	8
QUILLBACK	-	-	-	-	165	10
SALMON, RED OR SOCKEYE	-	-	237	130	-	-
SHEEPSHEAD	-	-	-	-	515	44
STURGEON, SHOVELNOSE	-	-	-	-	14	3
SUCKERS	33	1	838	22	4	(1)
TOTAL FISH	76	2	3,025	191	5,610	616
SHELLFISH, ETC.						
MUSSEL SHELLS	-	-	-	-	4,165	271
TURTLES, SNAPPER	-	-	-	-	9	2
TOTAL SHELLFISH, ETC.	-	-	-	-	4,174	273
GRAND TOTAL	76	2	3,025	191	9,784	889

SPECIES	INDIANA		IOWA		KANSAS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	1	(1)	-	-
BUFFALOFISH	17	3	969	103	4	1
CARP	3	(1)	1,488	39	19	5
CATFISH AND BULLHEADS	14	4	416	94	4	2
EELS, COMMON	-	-	(1)	(1)	-	-
GARFISH	-	-	5	(1)	-	-
PADDLEFISH	-	-	25	3	(1)	(1)
QUILLBACK	2	(1)	-	-	(1)	(1)
SHEEPSHEAD	1	(1)	458	22	-	-
STURGEON, SHOVELNOSE	(1)	(1)	12	2	-	-
SUCKERS	(1)	(1)	40	1	-	-
TOTAL FISH	37	7	3,414	264	27	8
SHELLFISH, ETC.						
MUSSEL SHELLS	8,311	1,247	-	-	32	2
PEARLS AND SLUGS	-	10	-	-	-	-
TOTAL SHELLFISH, ETC.	8,311	1,257	-	-	32	2
GRAND TOTAL	8,348	1,264	3,414	264	59	10

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	KENTUCKY		LOUISIANA		MINNESOTA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	65	5	44	1
BUFFALOFISH	259	30	1,855	240	888	97
BURBOT	-	-	-	-	12	(1)
CARP	306	14	150	5	4,306	123
CATFISH AND BULLHEADS	1,174	336	853	237	2,368	195
GARFISH	-	-	190	14	8	(1)
GIZZARD SHAD	218	20	-	-	8	(1)
MOONEYE	-	-	-	-	5	1
PADDLEFISH	46	7	11	1	-	-
PIKE OR PICKEREL	-	-	-	-	15	2
QUILLBACK	21	1	-	-	1	(1)
SHEEPSHEAD	82	4	346	39	480	23
STURGEON, SHOVELNOSE	3	1	-	-	-	-
SUCKERS	35	1	-	-	191	1
WHITE BASS	(1)	(1)	-	-	56	(1)
WHITEFISH, COMMON	-	-	-	-	2	1
YELLOW PERCH	-	-	-	-	336	49
YELLOW PIKE	-	-	-	-	776	225
UNCLASSIFIED, INDUSTRIAL	-	-	535	13	-	-
TOTAL FISH	2,144	414	4,005	554	9,496	718
SHELLFISH, ETC.						
CRAWFISH	-	-	1,947	320	-	-
SHRIMP	-	-	8	2	-	-
MUSSEL SHELLS	1,150	89	-	-	187	8
TURTLES:						
BABY	-	-	2	11	-	-
SNAPPER	(1)	(1)	25	5	(1)	(1)
FROGS	-	-	21	10	-	-
TOTAL SHELLFISH, ETC.	1,150	89	2,003	348	187	8
GRAND TOTAL	3,294	503	6,008	902	9,683	726

SPECIES	MISSISSIPPI		MISSOURI		MONTANA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	5	(1)	(1)	(1)	-	-
BUFFALOFISH	1,582	199	62	11	197	33
CARP	422	22	93	7	425	9
CATFISH AND BULLHEADS	674	202	33	10	7	2
EELS, COMMON	-	-	(1)	(1)	-	-
GARFISH	50	3	10	1	-	-
MOONEYE	-	-	-	-	19	4
PADDLEFISH	16	1	4	1	-	-
QUILLBACK	4	(1)	10	1	22	1
SHEEPSHEAD	73	4	20	3	1	(1)
STURGEON, SHOVELNOSE	1	(1)	1	(1)	-	-
SUCKERS	1	(1)	2	(1)	5	(1)
TOTAL FISH	2,828	431	235	34	676	49
SHELLFISH, ETC.						
MUSSEL SHELLS	300	5	106	5	-	-
TOTAL SHELLFISH, ETC.	300	5	106	5	-	-
GRAND TOTAL	3,128	436	341	39	676	49

SPECIES	NEBRASKA		NEW MEXICO		NORTH DAKOTA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BUFFALOFISH	15	2	94	9	222	20
CARP	151	15	-	-	181	5
CATFISH AND BULLHEADS	24	9	-	-	324	35
GIZZARD SHAD	40	1	-	-	-	-
GOLDFISH	9	(1)	-	-	-	-
PADDLEFISH	-	-	-	-	11	2
QUILLBACK	24	1	-	-	-	-
SHEEPSHEAD	5	(1)	-	-	1	(1)
STURGEON, SHOVELNOSE	-	-	-	-	(1)	(1)
SUCKERS	16	1	-	-	(1)	(1)
TOTAL FISH	284	29	94	9	739	62
GRAND TOTAL	284	29	94	9	739	62

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS BY STATES, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	OHIO		OKLAHOMA		SOUTH DAKOTA		TENNESSEE	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BUFFALOFISH	-	-	430	52	1,387	139	1,187	125
CARP	-	-	147	7	778	16	943	40
CATFISH AND BULLHEADS	-	-	80	26	780	41	1,326	358
CRAPPIE	-	-	-	-	-	-	52	16
GARFISH	-	-	34	2	-	-	23	1
GIZZARD SHAD	-	-	-	-	-	-	3	(1)
MOONEYE	-	-	-	-	-	-	1	(1)
PADDLEFISH	-	-	[illegible]	1	-	-	[illegible]	11
QUILLBACK	-	-	[illegible]	3	-	-	[illegible]	[illegible]
SHEEPSHEAD	-	-	[illegible]	2	[illegible]	(1)	[illegible]	[illegible]
SUCKERS	-	-	-	-	28	(1)	1	(1)
WHITE BASS	-	-	16	1	-	-	-	-
YELLOW BASS	-	-	-	-	-	-	16	1
TOTAL FISH	-	-	782	94	2,980	196	4,297	586
SHELLFISH, ETC.								
MUSSEL SHELLS	177	14	1,506	79	-	-	5,101	488
TURTLES:								
BABY	-	-	-	-	-	-	1	2
SNAPPER	-	-	-	-	-	-	10	1
TOTAL SHELLFISH, ETC.	177	14	1,506	79	-	-	5,112	491
GRAND TOTAL	177	14	2,288	173	2,980	196	9,409	1,077

SPECIES	TEXAS		UTAH		WISCONSIN		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	2	(1)	-	-	7	(1)	140	7
BUFFALOFISH	990	129	-	-	1,490	164	17,287	2,028
BURBOT	-	-	-	-	66	8	78	8
CARP	92	5	657	20	8,087	243	23,495	779
CATFISH AND BULLHEADS	147	46	-	-	567	129	11,512	2,580
CHUBS	-	-	-	-	-	-	157	3
CRAPPIE	-	-	-	-	-	-	52	16
EELS, COMMON	-	-	-	-	(1)	(1)	1	(1)
GARFISH	92	5	-	-	23	(1)	721	47
GIZZARD SHAD	-	-	-	-	-	-	441	28
GOLDFISH	-	-	-	-	-	-	9	(1)
MINNOWS	-	-	-	-	(1)	(1)	(1)	(1)
MOONEYE	-	-	-	-	6	(1)	32	5
PADDLEFISH	-	-	-	-	-	-	355	47
PIKE OR PICKEREL	-	-	-	-	-	-	15	2
QUILLBACK	16	1	-	-	21	(1)	571	29
SALMON, RED OR SOCKEYE	-	-	-	-	-	-	237	130
SHEEPSHEAD	25	3	-	-	2,018	121	5,030	320
STURGEON, SHOVELNOSE	-	-	-	-	2	(1)	42	7
SUCKERS	12	1	-	-	90	2	1,359	33
WHITE BASS	-	-	-	-	-	-	62	1
WHITEFISH, COMMON	-	-	-	-	-	-	2	1
YELLOW BASS	-	-	-	-	-	-	16	1
YELLOW PERCH	-	-	-	-	-	-	336	49
YELLOW PIKE	-	-	-	-	-	-	776	225
UNCLASSIFIED, INDUSTRIAL	-	-	-	-	-	-	535	13
TOTAL FISH	1,376	190	657	20	12,377	667	63,261	6,359
SHELLFISH, ETC.								
ARTEMIA (BRINE SHRIMP) EGGS	-	-	170	42	-	-	170	42
CRAWFISH	-	-	-	-	-	-	1,947	320
SHRIMP	-	-	-	-	-	-	8	2
MUSSEL SHELLS	-	-	-	-	2,005	119	46,361	3,727
PEARLS AND SLUGS	-	-	-	-	-	-	-	10
TURTLES:								
BABY	-	-	-	-	-	-	7	33
SLIDER	-	-	-	-	-	-	22	1
SNAPPER	2	(1)	-	-	6	1	70	10
SOFT-SHELL	-	-	-	-	-	-	5	(1)
FROGS	-	-	-	-	-	-	21	10
TOTAL SHELLFISH, ETC.	2	(1)	170	42	2,011	120	48,611	4,155
GRAND TOTAL	1,378	190	827	62	14,388	787	111,872	10,514

1/ LESS THAN 500 POUNDS OR $500.

MISSISSIPPI RIVER FISHERIES

SUMMARY OF LANDINGS FROM MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA					
					RED RIVER DRAINAGE AREA	
	MISSISSIPPI RIVER PROPER		ATCHAFALAYA RIVER DRAINAGE AREA		OUACHITA RIVER DRAINAGE AREA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	13	(1)	9	1	16	1
BUFFALOFISH	2,664	299	625	81	289	37
CARP	6,399	216	35	1	21	1
CATFISH AND BULLHEADS	1,663	433	472	131	103	29
EELS, COMMON	2	(1)	-	-	-	-
GARFISH	58	2	62	5	50	4
MOONEYE	6	(1)	-	-	-	-
PADDLEFISH	77	10	3	(1)	2	(1)
QUILLBACK	155	9	-	-	-	-
SHEEPSHEAD	1,457	96	188	19	28	4
STURGEON, SHOVELNOSE	27	5	-	-	-	-
SUCKERS	82	2	-	-	-	-
UNCLASSIFIED, INDUSTRIAL	-	-	171	4	-	-
CRAWFISH	2	1	1,802	296	-	-
SHRIMP	5	1	2	1	-	-
MUSSEL SHELLS	3,925	185	-	-	-	-
TURTLES:						
BABY	-	-	(1)	1	1	6
SNAPPER	13	3	8	1	11	2
FROGS	(1)	(1)	15	7	3	1
TOTAL	16,548	1,262	3,392	548	524	85

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	RED RIVER DRAINAGE AREA - CONTINUED		ARKANSAS RIVER DRAINAGE AREA		MISSOURI RIVER DRAINAGE AREA	
	UNCLASSIFIED					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	39	3	3	(1)	-	-
BUFFALOFISH	2,094	269	1,713	232	1,867	200
CARP	495	24	562	28	1,698	52
CATFISH AND BULLHEADS	446	142	635	220	676	51
GARFISH	231	15	95	8	1	(1)
GIZZARD SHAD	-	-	-	-	40	1
GOLDFISH	-	-	-	-	9	(1)
MOONEYE	-	-	-	-	19	4
PADDLEFISH	9	2	25	4	14	2
QUILLBACK	65	3	80	4	50	2
SHEEPSHEAD	151	18	84	13	40	1
STURGEON, SHOVELNOSE	(1)	(1)	8	1	(1)	(1)
SUCKERS	49	3	20	1	83	2
WHITE BASS	-	-	6	1	-	-
UNCLASSIFIED, INDUSTRIAL	174	4	-	-	-	-
CRAWFISH	135	22	-	-	-	-
MUSSEL SHELLS	-	-	10,138	941	-	-
TURTLES:						
BABY	1	3	-	-	-	-
SNAPPER	12	1	-	-	-	-
SOFT-SHELL	1	(1)	3	(1)	-	-
FROGS	2	1	-	-	-	-
TOTAL	3,904	510	13,372	1,453	4,497	315

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	OHIO RIVER DRAINAGE AREA					
	OHIO RIVER PROPER		TENNESSEE RIVER DRAINAGE AREA		CUMBERLAND RIVER DRAINAGE AREA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BUFFALOFISH	234	27	1,473	143	118	15
CARP	171	8	957	38	85	4
CATFISH AND BULLHEADS	435	112	1,874	529	71	20
GARFISH	-	-	(1)	(1)	9	(1)
GIZZARD SHAD	18	1	175	7	-	-
MOONEYE	-	-	1	(1)	-	-
PADDLEFISH	11	2	125	14	16	2
QUILLBACK	17	1	133	7	(1)	(1)
SHEEPSHEAD	76	4	414	16	16	1
STURGEON, SHOVELNOSE	2	(1)	-	-	(1)	(1)
SUCKERS	14	1	3	(1)	2	(1)
MUSSEL SHELLS	542	38	5,242	511	90	10
TOTAL	1,520	194	10,397	1,265	407	52

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF LANDINGS FROM MAJOR WATERS OF CERTAIN INLAND DRAINAGE AREAS, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED					
	OHIO RIVER DRAINAGE AREA - CONTINUED				ILLINOIS RIVER DRAINAGE AREA	
	WABASH RIVER DRAINAGE AREA		UNCLASSIFIED			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	-	-	1	(1)
BUFFALOFISH	18	2	131	15	722	73
CARP	12	1	132	6	780	38
CATFISH AND BULLHEADS	16	5	858	259	89	20
EELS, COMMON	(1)	(1)	-	-	(1)	(1)
GARFISH	-	-	1	(1)	2	(1)
GIZZARD SHAD	-	-	200	20	-	-
PADDLEFISH	-	-	35	6	9	1
QUILLBACK	12	1	4	(1)	(1)	(1)
SHEEPSHEAD	3	(1)	41	1	21	2
STURGEON, SHOVELNOSE	2	1	1	(1)	-	-
SUCKERS	(1)	(1)	20	1	-	-
WHITE BASS	-	-	(1)	(1)	-	-
MUSSEL SHELLS	9,400	1,410	785	65	1,449	54
PEARLS AND SLUGS	-	10	-	-	-	-
TURTLES, SNAPPER	(1)	(1)	(1)	(1)	2	1
TOTAL	9,463	1,430	2,208	373	3,075	189

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA - CONTINUED				NORTHERN DRAINAGE AREA			
					RED RIVER OF THE NORTH DRAINAGE AREA			
	ST. CROIX RIVER DRAINAGE AREA		UNCLASSIFIED		RED LAKE		UNCLASSIFIED	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	42	1	-	-	17	(1)
BUFFALOFISH	7	1	4,267	505	-	-	7	1
BURBOT	-	-	9	(1)	-	-	3	(1)
CARP	332	9	6,972	225	-	-	752	20
CATFISH AND BULLHEADS	-	-	2,916	513	3	1	1,217	111
CRAPPIE	-	-	52	16	-	-	-	-
GARFISH	6	(1)	148	9	-	-	-	-
GIZZARD SHAD	-	-	8	(1)	-	-	-	-
MINNOWS	-	-	(1)	(1)	-	-	-	-
MOONEYE	-	-	-	-	5	1	-	-
PADDLEFISH	-	-	29	3	-	-	-	-
PIKE OR PICKEREL	-	-	-	-	15	2	-	-
QUILLBACK	-	-	46	2	-	-	-	-
SHEEPSHEAD	65	3	849	51	99	2	6	(1)
STURGEON, SHOVELNOSE	-	-	1	(1)	-	-	(1)	(1)
SUCKERS	3	(1)	198	1	-	-	-	-
WHITE BASS	-	-	56	(1)	-	-	-	-
WHITEFISH, COMMON	-	-	-	-	2	1	-	-
YELLOW BASS	-	-	16	1	-	-	-	-
YELLOW PERCH	-	-	58	4	276	44	2	(1)
YELLOW PIKE	-	-	-	-	775	225	-	-
UNCLASSIFIED, INDUSTRIAL	-	-	191	4	-	-	-	-
CRAWFISH	-	-	8	1	-	-	-	-
MUSSEL SHELLS	-	-	2,700	101	-	-	-	-
TURTLES:								
BABY	-	-	5	23	-	-	-	-
SLIDER	-	-	22	1	-	-	-	-
SNAPPER	-	-	23	3	-	-	-	-
FROGS	-	-	(1)	(1)	-	-	-	-
TOTAL	413	13	18,616	1,464	1,175	276	2,004	132

SPECIES	NORTHERN DRAINAGE AREA - CONTINUED		GULF OF MEXICO DRAINAGE AREA		PACIFIC OCEAN DRAINAGE AREA	
	UNCLASSIFIED					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	(1)	(1)	1	(1)	-	-
BUFFALOFISH	440	48	592	74	25	5
BURBOT	66	8	-	-	-	-
CARP	1,603	48	35	2	2,456	57
CATFISH AND BULLHEADS	9	1	29	6	-	-
CHUBS	-	-	-	-	156	3
GARFISH	(1)	(1)	60	3	-	-
MOONEYE	(1)	(1)	-	-	-	-
QUILLBACK	-	-	11	1	-	-
SALMON, RED OR SOCKEYE	-	-	-	-	237	130
SHEEPSHEAD	1,486	89	6	1	-	-
SUCKERS	45	1	2	(1)	838	22
ARTEMIA (BRIME SHRIMP) EGGS	-	-	-	-	170	42
MUSSEL SHELLS	-	-	12,090	411	-	-
TURTLES, SNAPPER	-	-	2	(1)	-	-
TOTAL	3,649	195	12,828	498	3,882	259

1/ LESS THAN 500 POUNDS OR $500.

PROCESSED FISHERY PRODUCTS, 1966

ITEM	STATE		QUANTITY	VALUE
BUFFALOFISH, SMOKED	IOWA	POUNDS	(1)	(1)
CARP:				
FILLETS AND STEAKS, FRESH AND FROZEN	ILLINOIS, IOWA	DO	(1)	(1)
SMOKED:				
FISH	ILLINOIS, IOWA, MINNESOTA, NORTH DAKOTA, WISCONSIN	DO	201,300	$63,648
SPECIALTIES (FRANKFURTERS)	IOWA	DO	(1)	(1)
CATFISH:				
FILLETS:				
FRESH	ILLINOIS	DO	(1)	(1)
BREADED, RAW, FROZEN	ILLINOIS	DO	(1)	(1)
SMOKED	IOWA	DO	(1)	(1)
CHUBS, SMOKED	IOWA	DO	(1)	(1)
COD:				
SMOKED	NORTH DAKOTA	DO	(1)	(1)
LUTEFISK	MINNESOTA, NORTH DAKOTA	DO	987,590	317,277
FLOUNDER SPECIALTIES, FROZEN, BREADED, RAW AND STUFFED	TEXAS	DO	(1)	(1)
HALIBUT, SMOKED	NEBRASKA, NORTH DAKOTA	DO	(1)	(1)
HERRING:				
LAKE:				
SALTED	MINNESOTA	DO	(1)	(1)
SMOKED	MINNESOTA	DO	(1)	(1)
SEA, SALTED	MINNESOTA	DO	907,400	269,885
LAKE TROUT:				
FILLETS:				
FRESH	ILLINOIS	DO	(1)	(1)
BREADED, RAW, FROZEN	TEXAS	DO	(1)	(1)
SMOKED	IOWA, MINNESOTA	DO	(1)	(1)
MOONEYE, SMOKED	WISCONSIN	DO	(1)	(1)
PADDLEFISH, SMOKED	ILLINOIS	DO	(1)	(1)
PIKE OR PICKEREL:				
FILLETS, FRESH	MINNESOTA	DO	(1)	(1)
SMOKED	NORTH DAKOTA	DO	(1)	(1)
SABLEFISH, SMOKED	MINNESOTA	DO	(1)	(1)
SALMON, SMOKED	IOWA, MINNESOTA, NEBRASKA, NORTH DAKOTA	DO	9,100	9,190
SAUGER FILLETS, FRESH	ILLINOIS	DO	(1)	(1)
SHEEPSHEAD, SMOKED	ILLINOIS, IOWA	DO	2,500	1,150
STURGEON, SMOKED	ILLINOIS, IOWA	DO	12,800	11,560
WHITEFISH:				
FILLETS, FRESH	ILLINOIS	DO	(1)	(1)
SMOKED	IOWA, MINNESOTA, NORTH DAKOTA	DO	77,727	48,562
WHITING:				
FILLETS, BREADED, RAW, FROZEN	MISSOURI	DO	(1)	(1)
SMOKED	IOWA, NEBRASKA	DO	58,000	27,300
YELLOW PERCH:				
FILLETS, FRESH	ILLINOIS	DO	(1)	(1)
SMOKED	IOWA	DO	(1)	(1)
YELLOW PIKE FILLETS, FRESH	ILLINOIS, MINNESOTA	DO	(1)	(1)
CRAB SPECIALTIES, FROZEN (DEVILED AND PORTIONS)	TEXAS	DO	(1)	(1)
CRAWFISH:				
COOKED MEAT, FRESH	LOUISIANA	DO	88,450	122,175
SPECIALTIES, FROZEN (PATTIES AND FLAVORING)	LOUISIANA	DO	(1)	(1)
SHRIMP:				
RAW, HEADLESS	LOUISIANA	DO	(1)	(1)
PEELED AND DEVEINED:				
RAW	TENNESSEE	DO	(1)	(1)
COOKED	TENNESSEE	DO	(1)	(1)
BREADED, RAW	KENTUCKY, TENNESSEE, TEXAS, OKLAHOMA	DO	4,187,582	3,286,224
SPECIALTIES, FROZEN (STEAKS, STUFFED, PORTIONS, ETC.)	TEXAS, MINNESOTA, LOUISIANA	DO	189,028	146,689
MUSSEL SHELL, LIME AND CHIPS	IOWA	TONS	(1)	(1)
OYSTERS:				
SHUCKED	LOUISIANA	GALLONS	(1)	(1)
BREADED, RAW, FROZEN	TENNESSEE, KENTUCKY	POUNDS	(1)	(1)
SCALLOPS, SEA, BREADED, RAW	TENNESSEE, MISSOURI	DO	(1)	(1)
TURTLE MEAT, RAW	ILLINOIS, LOUISIANA	DO	(1)	(1)
UNCLASSIFIED:				
FRESH AND FROZEN PACKAGED FISH:				
STICKS	TENNESSEE, WISCONSIN, MISSOURI	DO	7,652,658	2,674,545
PORTIONS	KENTUCKY, TENNESSEE, TEXAS, WISCONSIN, MISSOURI	DO	4,904,641	4,633,134
FISH AND SHELLFISH	ILLINOIS, IOWA, LOUISIANA, KENTUCKY, MINNESOTA, MISSOURI, TEXAS	DO	2,560,022	1,058,523
CURED	IOWA, ILLINOIS, NEBRASKA, NORTH DAKOTA, MINNESOTA, WISCONSIN	DO	500,700	197,466
CANNED (ANIMAL FOOD)	KANSAS, NEBRASKA, WISCONSIN	STANDARD CASES	250,195	1,570,078
INDUSTRIAL	IOWA	-	-	(2)
TOTAL		-	-	14,437,406

1/ INCLUDED WITH UNCLASSIFIED. 2/ INCLUDED WITH FISH AND SHELLFISH. NOTE:--SOME PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE. CERTAIN ITEMS ARE SHOWN IN AN INTERMEDIATE AND ALSO A MORE ADVANCED STAGE OF PROCESSING.

MISSISSIPPI RIVER FISHERIES

SUMMARY OF PROCESSED PRODUCTS, 1966

(THOUSANDS OF DOLLARS)

ITEM	VALUE
PACKAGED:	
FRESH	474
FROZEN	11,425
CANNED AND INDUSTRIAL	1,592
CURED	946
TOTAL	14,437

VALUE OF PROCESSED PRODUCTS, BY STATES, 1966

(THOUSANDS OF DOLLARS)

STATE	VALUE
ILLINOIS	204
IOWA	294
KANSAS, KENTUCKY, NEBRASKA	777
LOUISIANA	247
MINNESOTA	843
MISSOURI	6,396
NORTH DAKOTA	64
OKLAHOMA, TENNESSEE, TEXAS	3,741
WISCONSIN	1,871
TOTAL	14,437

WHOLESALING AND PROCESSING, 1966

ITEM	ALABAMA	ARKANSAS	ILLINOIS	INDIANA	IOWA	KANSAS	KENTUCKY
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:							
ESTABLISHMENTS	14	33	47	13	29	9	16
PERSONS ENGAGED:							
AVERAGE FOR SEASON	109	70	149	106	235	145	127
AVERAGE FOR YEAR	98	57	143	99	207	129	122

ITEM	LOUISIANA	MINNESOTA	MISSISSIPPI	MISSOURI	NEBRASKA	NORTH DAKOTA	OHIO
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:							
ESTABLISHMENTS	39	19	17	38	8	5	6
PERSONS ENGAGED:							
AVERAGE FOR SEASON	191	156	24	293	40	42	6
AVERAGE FOR YEAR	138	116	24	291	39	30	6

ITEM	OKLAHOMA	SOUTH DAKOTA	TENNESSEE	TEXAS	WISCONSIN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND PROCESSING:						
ESTABLISHMENTS	13	4	39	28	30	407
PERSONS ENGAGED:						
AVERAGE FOR SEASON	58	13	152	552	250	2,718
AVERAGE FOR YEAR	58	11	134	494	216	2,412

MISSISSIPPI RIVER FISHERIES

ALABAMA

OPERATING UNITS BY GEAR, 1966

ITEM	POTS AND TRAPS, WIRE BASKETS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES	
				LONG OR SET WITH HOOKS	SNAG
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	20	40	17	124	76
CASUAL	18	34	12	130	85
TOTAL	38	74	29	254	161
BOATS, MOTOR	38	74	29	254	161
GEAR:					
NUMBER	150	469	60	2,667	800
SQUARE YARDS	-	124,755	15,960	-	-
HOOKS	-	-	-	266,700	400,000

ITEM	DIP NETS, COMMON	DREDGES, MUSSEL	CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLI-CATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	3	150	160	299
CASUAL	4	60	65	211
TOTAL	7	210	225	510
BOATS, MOTOR	7	210	225	510
GEAR:				
NUMBER	7	210	450	-
YARDS AT MOUTH	-	222	-	-

ALABAMA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	POTS AND TRAPS, WIRE BASKETS		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS		LINES	
							LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	771,000	$77,447	138,000	$13,862	11,500	$1,155
CARP	-	-	288,700	12,925	110,000	4,925	7,500	336
CATFISH AND BULLHEADS . . .	28,500	$8,798	22,500	6,946	7,500	2,315	777,900	240,137
PADDLEFISH	-	-	15,000	1,185	10,500	830	1,000	79
QUILLBACK	-	-	100	5	-	-	-	-
SHEEPSHEAD	-	-	194,000	6,674	98,800	3,399	17,000	585
SUCKERS	-	-	1,900	68	1,000	36	-	-
TOTAL	28,500	8,798	1,293,200	105,250	365,800	25,367	814,900	242,292

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		DREDGES, MUSSEL		CROWFOOT BARS	
	SNAG							
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	6,000	$603	-	-	-	-	-	-
CARP	7,000	313	-	-	-	-		
CATFISH AND BULLHEADS . . .	200,000	61,740	-	-	-	-	-	-
GIZZARD SHAD	-	-	172,200	$6,888	-	-	-	-
PADDLEFISH	44,500	3,515	-	-	-	-	-	-
SHEEPSHEAD	12,500	430	-	-	-	-	-	-
MUSSEL SHELLS	-	-	-	-	9,067,500	$308,644	3,252,900	$135,137
TOTAL	270,000	66,601	172,200	6,888	9,067,500	308,644	3,252,900	135,137

ALABAMA - LANDINGS BY WATERS, 1966

SPECIES	TENNESSEE RIVER DRAINAGE AREA		GULF OF MEXICO DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	926,500	$93,067	-	-
CARP.	413,200	18,499	-	-
CATFISH AND BULLHEADS . . .	1,036,400	319,936	-	-
GIZZARD SHAD.	172,200	6,888	-	-
PADDLEFISH.	71,000	5,609	-	-
QUILLBACK	100	5	-	-
SHEEPSHEAD.	322,300	11,088	-	-
SUCKERS	2,900	104	-	-
MUSSEL SHELLS	230,400	32,256	12,090,000	$411,525
TOTAL.	3,175,000	487,452	12,090,000	411,525

ARIZONA

THE COMMERCIAL FISHERIES OF ARIZONA WERE CONFINED TO THE PACIFIC OCEAN DRAINAGE AREA. THE LANDINGS CONSISTED OF 24,700 POUNDS OF BUFFALOFISH, VALUED AT $4,900 AND 5,200 POUNDS OF CARP, VALUED AT $1,046. FOUR CASUAL FISHERMEN EMPLOYING 2 MOTOR AND 2 OTHER BOATS FISHED 32 GILL NETS (ANCHOR, SET OR STAKE) WITH A TOTAL OF 1,066 SQUARE YARDS.

ARKANSAS

OPERATING UNITS BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES		DIP NETS, COMMON
					LONG OR SET WITH HOOKS	SNAG	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	20	259	75	77	124	92	12
CASUAL.	19	327	43	33	115	84	20
TOTAL.	39	586	118	110	239	176	32
BOATS:							
MOTOR	29	586	116	109	236	176	24
OTHER	7	-	2	-	-	-	3
GEAR:							
NUMBER.	18	4,814	378	460	1,727	1,315	32
LENGTH YARDS.	5,100	-	-	-	-	-	-
SQUARE YARDS.	-	-	75,600	122,360	-	-	-
HOOKS	-	-	-	-	86,200	394,500	-

SPECIES	DREDGES, MUSSEL	TONGS	RAKES	CROWFOOT BARS	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	150	50	-	300	50	70	770
CASUAL.	530	-	25	890	250	610	2,561
TOTAL.	680	50	25	1,190	300	680	3,331
BOATS:							
MOTOR	680	50	25	1,190	150	140	2,756
OTHER	-	-	-	-	-	21	31
GEAR:							
NUMBER.	680	50	25	1,190	150	-	-
YARDS AT MOUTH.	680	-	-	-	-	-	-

(CONTINUED ON NEXT PAGE)

ARKANSAS - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	3,700	$155	6,500	$325	1,000	$50
BUFFALOFISH	300,800	38,340	1,469,000	193,446	286,300	36,785
CARP	57,700	2,885	376,700	18,835	205,000	10,250
CATFISH AND BULLHEADS	35,200	12,320	333,000	116,550	91,800	32,130
GARFISH	44,300	3,251	67,700	4,889	44,900	3,359
PADDLEFISH	3,000	600	14,800	2,810	7,300	1,360
QUILLBACK	4,200	210	81,700	4,085	-	-
SHEEPSHEAD	7,200	805	87,900	11,885	11,200	1,505
STURGEON, SHOVELNOSE	1,000	150	7,800	840	-	-
SUCKERS	-	-	54,700	2,635	5,500	275
TURTLES:						
SLIDER	2,000	67	15,500	516	-	-
SNAPPER	500	50	6,400	640	800	80
SOFT-SHELL	-	-	3,500	350	-	-
TOTAL	459,600	58,833	2,525,200	357,806	653,800	85,794

SPECIES	TRAMMEL NETS		LINES			
			LONG OR SET WITH HOOKS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	600	$30	-	-
BUFFALOFISH	459,000	$63,110	76,000	9,340	173,000	$22,560
CARP	245,000	12,250	21,200	1,060	37,700	1,885
CATFISH AND BULLHEADS	121,000	42,350	201,400	70,490	56,500	19,775
GARFISH	52,400	4,568	12,300	921	36,900	2,823
PADDLEFISH	2,500	500	-	-	2,000	400
QUILLBACK	1,400	70	-	-	-	-
SHEEPSHEAD	14,800	2,120	2,700	330	1,900	260
TURTLES:						
SLIDER	1,500	50	-	-	3,000	100
SNAPPER	1,200	120	1,500	150	8,000	400
SOFT-SHELL	-	-	-	-	1,000	100
TOTAL	898,800	125,138	315,700	82,321	320,000	48,303

SPECIES	DIP NETS, COMMON		DREDGES, MUSSEL		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS	-	-	2,300,000	$200,000	600,000	$60,000
TURTLES, BABY	4,100	$20,375	-	-	-	-
TOTAL	4,100	20,375	2,300,000	200,000	600,000	60,000

SPECIES	RAKES		CROWFOOT BARS		DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS	100,000	$4,000	4,600,000	$412,000	2,400,000	$240,000	1,000,000	$40,000
TOTAL	100,000	4,000	4,600,000	412,000	2,400,000	240,000	1,000,000	40,000

ARKANSAS - LANDINGS BY WATERS, 1966

SPECIES	RED RIVER DRAINAGE AREA, UNCLASSIFIED		ARKANSAS RIVER, DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	8,100	$405	3,000	$120	700	$35
BUFFALOFISH	598,700	77,831	1,603,400	218,310	562,000	67,440
CARP	282,400	14,120	523,900	26,195	137,000	6,850
CATFISH AND BULLHEADS	126,600	44,310	567,800	198,730	144,500	50,575
GARFISH	121,500	8,505	88,400	7,904	48,600	3,402
PADDLEFISH	6,000	1,200	18,600	3,720	5,000	750
QUILLBACK	9,500	475	70,800	3,540	7,000	350
SHEEPSHEAD	39,000	3,900	78,000	11,700	8,700	1,305
STURGEON, SHOVELNOSE	300	45	7,500	795	1,000	150
SUCKERS	39,000	1,950	20,000	900	1,200	60
MUSSEL SHELLS	-	-	8,600,000	860,000	2,400,000	96,000
TURTLES:						
BABY	-	-	-	-	4,100	20,375
SLIDER	-	-	-	-	22,000	733
SNAPPER	8,000	400	-	-	10,400	1,040
SOFT-SHELL	1,000	100	3,500	350	-	-
TOTAL	1,240,100	153,241	11,584,900	1,332,264	3,352,200	249,065

COLORADO

THE COMMERCIAL FISHERIES OF COLORADO WERE CONFINED TO THE MISSOURI RIVER DRAINAGE AREA. THE CATCH CONSISTED OF 43,000 POUNDS OF CARP, VALUED AT $900 AND 33,000 POUNDS OF SUCKERS VALUED AT $990. SIX REGULAR AND TWO CASUAL FISHERMEN EMPLOYING FOUR MOTOR BOATS FISHED THREE HAUL SEINES WITH A TOTAL OF 1,633 YARDS.

IDAHO

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	LINES, HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	4	-	4
CASUAL	1	236	237
TOTAL	5	236	241
BOATS:			
MOTOR	2	236	238
OTHER	5	-	5
GEAR:			
NUMBER	6	236	-
LENGTH, YARDS	400	236	-

IDAHO - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		LINES, HAND	
	POUNDS	VALUE	POUNDS	VALUE
CARP	1,793,400	$35,868	237,000	$130,368
CHUBS	156,500	3,129	-	-
SUCKERS	838,300	21,624	-	-
TOTAL	2,788,200	60,621	237,000	130,368

NOTE:--THE COMMERCIAL FISHERIES WERE CONFINED TO THE PACIFIC OCEAN DRAINAGE AREA.

ILLINOIS

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, WIRE BASKETS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	10	104	56	16	85
CASUAL	44	260	115	25	165
TOTAL	54	364	171	41	250
BOATS:					
MOTOR	44	321	154	38	218
OTHER	1	-	-	-	-
GEAR:					
NUMBER	27	4,951	1,862	56	435
LENGTH, YARDS	8,395	-	-	-	-
SQUARE YARDS	-	-	-	9,466	75,154

ITEM	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	36	67	12	15	198
CASUAL	128	61	14	60	480
TOTAL	164	128	26	75	678
BOATS:					
MOTOR	151	128	13	-	595
OTHER	-	-	-	-	1
GEAR:					
NUMBER	620	241	13	-	-
HOOKS	58,360	-	-	-	-

ILLINOIS - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		POTS AND TRAPS, WIRE BASKETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,000	$41	700	$28	-	-
BUFFALOFISH	54,400	5,896	879,100	95,165	1,400	$142
CARP	350,400	14,721	785,800	40,950	2,400	122
CATFISH AND BULLHEADS	5,400	1,573	339,200	93,516	315,000	91,624
EELS, COMMON	-	-	400	39	100	10
GARFISH	2,800	106	13,500	421	-	-
MOONEYE	1,200	45	-	-	-	-
PADDLEFISH	10,700	1,448	6,100	847	-	-
QUILLBACK	2,600	128	75,200	4,924	12,300	806
SHEEPSHEAD	101,300	8,485	318,200	26,950	1,800	156
STURGEON, SHOVELNOSE	100	20	6,600	1,305	-	-
SUCKERS	100	3	2,400	206	-	-
TURTLES, SNAPPER	2,800	655	1,900	431	-	-
TOTAL	532,800	33,121	2,429,100	264,782	333,000	92,860

(CONTINUED ON NEXT PAGE)

ILLINOIS - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	-	-	1,800	$73	300	$13
BUFFALOFISH	12,900	$1,434	974,300	106,614	1,300	149
CARP.	16,500	765	879,700	43,898	14,700	724
CATFISH AND BULLHEADS .	200	59	24,700	7,114	161,500	46,075
EELS, COMMON.	-	-	-	-	600	53
GARFISH	-	-	11,500	361	-	-
PADDLEFISH.	2,000	271	39,800	5,456	100	14
QUILLBACK	-	-	75,300	4,526	-	-
SHEEPSHEAD.	500	42	81,200	6,831	11,800	1,001
STURGEON, SHOVELNOSE. .	-	-	6,800	1,360	100	20
SUCKERS	-	-	2,000	64	-	-
TURTLES, SNAPPER. . . .	-	-	100	19	4,500	1,055
TOTAL.	32,100	2,571	2,097,200	176,316	194,900	49,104

SPECIES	CROWFOOT BARS		DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS, TOTAL. .	3,294,000	$139,914	349,300	$52,395	522,000	$78,300

ILLINOIS - LANDINGS BY WATERS, 1966

SPECIES	MISSISSIPPI RIVER PROPER		OHIO RIVER DRAINAGE AREA			
			OHIO RIVER PROPER		WABASH RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	2,100	$85	-	-	-	
BUFFALOFISH	957,400	106,941	102,000	$12,240	7,400	$878
CARP.	1,150,200	55,922	38,100	1,905	11,200	1,120
CATFISH AND BULLHEADS .	647,100	189,631	91,300	25,107	9,500	2,563
EELS, COMMON.	900	87	-	-	100	10
GARFISH	25,700	802	-	-	-	-
MOONEYE	1,200	45	-	-	-	-
PADDLEFISH.	48,500	6,562	1,500	225	-	-
QUILLBACK	126,100	8,260	-	-	9,900	1,089
SHEEPSHEAD.	481,200	40,276	9,300	790	2,000	257
STURGEON, SHOVELNOSE. .	12,100	2,420	-	-	1,500	285
SUCKERS	2,100	68	1,500	150	400	40
MUSSEL SHELLS	1,627,200	52,884	-	-	1,089,300	163,395
TURTLES, SNAPPER. . . .	7,200	1,738	-	-	100	10
TOTAL.	5,089,000	465,721	243,700	40,417	1,131,400	169,647

SPECIES	ILLINOIS RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	700	$30	1,000	$40
BUFFALOFISH	722,400	72,924	134,200	16,417
CARP.	780,400	37,586	69,600	4,647
CATFISH AND BULLHEADS .	88,800	20,315	9,300	2,345
EELS, COMMON.	100	5	-	-
GARFISH	2,100	86	-	-
PADDLEFISH...	8,600	1,214	100	35
QUILLBACK	300	18	29,100	1,017
SHEEPSHEAD.	21,100	1,947	1,200	195
SUCKERS	-	-	500	15
MUSSEL SHELLS	1,448,800	54,330	-	-
TURTLES, SNAPPER. . . .	1,900	393	100	19
TOTAL.	3,075,200	188,848	245,100	24,730

INDIANA

OPERATING UNITS BY GEAR, 1966

ITEM	FYKE AND HOOP NETS, FISH	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	DIVING OUTFITS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	-	-	75	-	75	125
CASUAL	24	25	45	200	2,453	2,688
TOTAL	24	25	120	200	2,528	2,813
BOATS, MOTOR	24	25	120	125	100	380
GEAR:						
NUMBER	165	72	120	125	-	-
HOOKS	-	4,100	-	-	-	-

INDIANA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	FYKE AND HOOP NETS, FISH		LINES, LONG OR SET WITH HOOKS		CROWFOOT BARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	16,700	$2,505	100	$15	-	-
CARP	2,700	270	-	-	-	-
CATFISH AND BULLHEADS .	8,000	2,400	6,100	1,830	-	-
QUILLBACK	2,200	220	-	-	-	-
SHEEPSHEAD	900	90	400	40		
STURGEON, SHOVELNOSE . .	-	-	200	30	-	-
SUCKERS	100	10	-	-	-	-
MUSSEL SHELLS	-		-	-	1,662,000	$249,300
PEARLS AND SLUGS	-	-	-	-		2,000
TOTAL	30,600	5,495	6,800	1,915	1,662,000	251,300

SPECIES	DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS	2,659,000	$398,850	3,989,700	$598,455
PEARLS AND SLUGS	-	3,200	-	4,800
TOTAL	2,659,000	402,050	3,989,700	603,255

INDIANA - LANDINGS BY WATERS, 1966

SPECIES	OHIO RIVER PROPER		WABASH RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	6,700	$1,005	10,100	$1,515
CARP	1,700	170	1,000	100
CATFISH AND BULLHEADS .	7,900	2,370	6,200	1,860
QUILLBACK	-	-	2,200	220
SHEEPSHEAD	600	60	700	70
STURGEON, SHOVELNOSE . .	-	-	200	30
SUCKERS	-	-	100	10
MUSSEL SHELLS	-	-	8,310,700	1,246,605
PEARLS AND SLUGS	-	-	-	10,000
TOTAL	16,900	3,605	8,331,200	1,260,410

MISSISSIPPI RIVER FISHERIES

IOWA

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	WEIRS	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, FISH	GILL NETS, ANCHOR, SET OR STAKE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	25	7	80	108	45
CASUAL	60	5	258	326	118
TOTAL	85	12	338	434	163
BOATS:					
MOTOR	33	6	333	434	157
OTHER	31	-	-	-	-
GEAR:					
NUMBER	32	13	3,251	3,880	402
LENGTH, YARDS	8,000	-	-	-	-
SQUARE YARDS	-	-	-	-	26,800

ITEM	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	ELECTRICAL DEVICES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	41	80	2	128
CASUAL	150	251	1	444
TOTAL	191	331	3	572
BOATS:				
MOTOR	185	329	1	519
OTHER	-	-	-	31
GEAR:				
NUMBER	267	1,641	1	-
SQUARE YARDS	53,400	-	-	-
HOOKS	-	164,100	-	-

IOWA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		WEIRS		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	600	$11
BUFFALOFISH	167,900	$15,077	1,600	$47	259,700	28,567
CARP	295,200	7,547	237,200	2,333	246,700	7,400
CATFISH AND BULLHEADS	9,100	1,491	-	-	136,900	31,234
EELS, COMMON	-	-	-	-	100	20
GARFISH	-	-	-	-	1,900	38
PADDLEFISH	14,100	1,695	-	-	1,500	183
SHEEPSHEAD	147,900	6,385	100	1	111,500	5,577
STURGEON, SHOVELNOSE	1,000	184	-	-	3,400	649
SUCKERS	300	6	-	-	15,700	314
TOTAL	635,500	32,385	238,900	2,381	778,000	73,993

SPECIES	POTS AND TRAPS, FISH		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	700	$14	100	$2	100	$2
BUFFALOFISH	316,200	34,786	136,400	14,841	85,800	9,434
CARP	275,400	8,259	246,700	7,361	157,800	4,733
CATFISH AND BULLHEADS	164,400	37,168	5,800	1,214	7,000	1,568
EELS, COMMON	300	25	-	-	-	-
GARFISH	2,300	46	500	10	300	6
PADDLEFISH	1,000	115	4,600	549	3,900	471
SHEEPSHEAD	136,300	6,816	31,800	1,580	20,200	1,009
STURGEON, SHOVELNOSE	4,200	793	1,900	354	1,200	226
SUCKERS	19,200	383	3,000	60	1,900	38
TOTAL	920,000	88,405	430,800	25,971	278,200	17,487

(CONTINUED ON NEXT PAGE)

IOWA - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	LINES, LONG OR SET WITH HOOKS		ELECTRICAL DEVICES	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	1,200	$128	-	-
CARP.	28,100	843	700	$5
CATFISH AND BULLHEADS . .	92,700	21,708	-	-
PADDLEFISH.	300	36	-	-
SHEEPSHEAD.	9,900	494	-	-
STURGEON, SHOVELNOSE. . .	100	28	-	-
SUCKERS	100	1	-	-
TOTAL.	132,400	23,238	700	5

IOWA - LANDINGS BY WATERS, 1966

SPECIES	MISSISSIPPI RIVER PROPER		MISSOURI RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	1,500	$29	-	-	-	-
BUFFALOFISH	918,700	101,059	28,600	$1,288	21,500	$533
CARP.	1,075,800	32,269	375,900	5,939	36,100	273
CATFISH AND BULLHEADS . .	407,900	92,463	8,000	1,920	-	-
EELS, COMMON.	400	45	-	-	-	-
GARFISH	5,000	100	-	-	-	-
PADDLEFISH.	23,000	2,761	2,400	288	-	-
SHEEPSHEAD.	432,200	21,607	25,500	255	-	-
STURGEON, SHOVELNOSE. . .	11,800	2,234	-	-	-	-
SUCKERS	40,200	802	-	-	-	-
TOTAL.	2,916,500	253,369	440,400	9,690	57,600	806

KANSAS

OPERATING UNITS BY GEAR, 1966

ITEM	FYKE AND HOOP NETS, FISH	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE, CASUAL, TOTAL .	9	11	3	127	140
BOATS, MOTOR.	9	11	3	-	13
GEAR:					
NUMBER.	61	11	21	-	-
SQUARE YARDS.	-	1,657	107	-	-

KANSAS - LANDINGS OF CATCH BY GEAR, 1966

ITEM	FYKE AND HOOP NETS, FISH		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	2,200	$660	1,400	$420	-	-	-	-
CARP.	12,100	3,025	7,000	1,750	-	-	-	-
CATFISH AND BULLHEADS .	3,000	1,500	900	450	200	$100	-	-
PADDLEFISH.	-	-	100	35	-	-	-	-
QUILLBACK	100	30	100	30	-	-	-	-
MUSSEL SHELLS	-	-	-	-	-	-	32,000	$1,600
TOTAL.	17,400	5,215	9,500	2,685	200	100	32,000	1,600

KANSAS - LANDINGS BY WATERS, 1966

SPECIES	ARKANSAS RIVER DRAINAGE AREA		MISSOURI RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	3,600	$1,080
CARP.	-	-	19,100	4,775
CATFISH AND BULLHEADS . .	-	-	4,100	2,090
PADDLEFISH.	-	-	100	35
QUILLBACK	-	-	200	20
MUSSEL SHELLS	32,000	$1,600	-	-
TOTAL.	32,000	1,600	27,100	8,000

KENTUCKY

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES
					LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR.	-	53	18	13	37
CASUAL	8	552	22	59	425
TOTAL.	8	605	40	72	462
BOATS:					
MOTOR.	4	587	35	72	451
OTHER.	4	-	7	-	-
GEAR:					
NUMBER	4	4,015	112	165	2,213
LENGTH, YARDS. . . .	341	-	-	-	-
SQUARE YARDS	-	-	19,040	27,555	-
HOOKS.	-	-	-	-	192,531

ITEM	LINES - CONTINUED	DIP NETS, COMMON	CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
	SNAG			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR.	22	10	46	133
CASUAL	154	1	61	882
TOTAL.	176	11	107	1,015
BOATS:				
MOTOR	172	-	107	980
OTHER	-	-	-	11
GEAR:				
NUMBER.	616	11	214	-
HOOKS	240,240	-	-	-

KENTUCKY - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	2,400	$271	171,300	$19,681	9,300	$1,233	50,700	$5,682
CARP	300	13	213,600	9,891	14,000	756	28,000	1,259
CATFISH AND BULLHEADS	-	-	500,000	135,366	103,300	31,616	4,700	1,178
GIZZARD SHAD	-	-	23,200	932	-	-	-	-
PADDLEFISH	200	22	11,500	1,851	1,800	300	5,400	785
QUILLBACK	1,100	50	18,200	816	200	7	1,000	45
SHEEPSHEAD	200	10	45,900	2,351	900	53	18,000	918
STURGEON, SHOVELNOSE	-	-	1,300	186	-	-	400	66
SUCKERS	-	-	30,500	950	200	7	2,200	67
WHITE BASS	-	-	100	11	-	-	-	-
TOTAL	4,200	366	1,015,600	172,035	129,700	33,972	110,400	10,000

SPECIES	LINES				DIP NETS, COMMON		CROWFOOT BARS	
	LONG OR SET WITH HOOKS		SNAG					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	22,000	$2,507	3,500	$428	-	-	-	-
CARP	42,400	1,966	7,600	364	-	-	-	-
CATFISH AND BULLHEADS	428,100	126,064	137,700	41,649	-	-	-	-
GIZZARD SHAD	1,100	44	-	-	194,000	$19,400	-	-
PADDLEFISH	2,900	472	23,800	3,955	-	-	-	-
QUILLBACK	700	28	-	-	-	-	-	-
SHEEPSHEAD	15,300	794	1,500	91	-	-	-	-
STURGEON, SHOVELNOSE	1,400	205	100	13	-	-	-	-
SUCKERS	2,300	71	-	-	-	-	-	-
WHITE BASS	-	-	100	11	-	-	-	-
MUSSEL SHELLS	-	-	-	-	-	-	1,149,800	$88,758
TURTLES, SNAPPER	200	25	-	-	-	-	-	-
TOTAL	516,400	132,176	174,300	46,511	194,000	19,400	1,149,800	88,758

KENTUCKY - LANDINGS BY WATERS, 1966

SPECIES	MISSISSIPPI RIVER PROPER		OHIO RIVER DRAINAGE AREA					
			OHIO RIVER PROPER		TENNESSEE RIVER DRAINAGE AREA		CUMBERLAND RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	21,600	$2,431	125,600	$14,066	90,900	$10,941	21,100	$2,364
CARP	47,100	2,117	130,700	5,879	105,600	5,244	22,500	1,009
CATFISH AND BULLHEADS	15,500	3,909	336,100	84,661	796,800	240,875	25,400	6,428
GIZZARD SHAD	-	-	18,000	720	200,300	19,656	-	-
PADDLEFISH	1,400	203	9,500	1,361	30,900	5,279	3,800	542
QUILLBACK	600	25	16,600	744	4,000	177	-	-
SHEEPSHEAD	2,300	120	66,100	3,371	12,500	678	900	48
STURGEON, SHOVELNOSE	600	89	1,700	253	700	99	200	29
SUCKERS	700	22	12,900	402	20,400	634	1,200	37
WHITE BASS	-	-	-	-	200	22	-	-
MUSSEL SHELLS	-	-	542,200	37,954	607,600	50,804	-	-
TURTLES, SNAPPER	-	-	-	-	200	25	-	-
TOTAL	89,800	8,916	1,259,400	149,411	1,870,100	334,434	75,100	10,457

MISSISSIPPI RIVER FISHERIES

LOUISIANA

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS		GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS
			CRAWFISH	SHRIMP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN ON BOATS AND SHORE:						
REGULAR	16	330	232	11	189	104
CASUAL	-	767	598	20	516	341
TOTAL	16	1,097	830	31	705	445
BOATS, MOTOR	7	1,097	830	31	705	445
GEAR:						
NUMBER	6	28,925	39,258	215	1,825	895
LENGTH, YARDS	3,300	-	-	-	-	-
SQUARE YARDS	-	-	-	-	584,603	192,068

ITEM	LINES		DIP NETS, COMMON	FROG GRABS	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND	LONG OR SET WITH HOOKS			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN ON BOATS AND SHORE:					
REGULAR	22	203	91	78	369
CASUAL	52	680	107	88	1,092
TOTAL	74	883	198	166	1,461
BOATS:					
MOTOR	74	883	176	166	1,458
OTHER	-	-	8	-	8
GEAR:					
NUMBER	213	2,237	195	166	-
HOOKS	213	318,550	-	-	-

LOUISIANA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		POTS AND TRAPS			
					CRAWFISH		SHRIMP	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	5,000	$ 370	24,800	$1,841	-	-	-	-
BUFFALOFISH	65,400	8,476	785,300	101,772	-	-	-	-
CARP	12,900	448	52,900	1,773	-	-	-	-
CATFISH AND BULLHEADS	16,100	4,474	264,800	73,586	-	-	-	-
GARFISH	8,600	638	46,300	3,430	-	-	-	-
PADDLEFISH	400	40	3,800	374	-	-	-	-
SHEEPSHEAD	13,700	1,739	134,700	17,105	-	-	-	-
UNCLASSIFIED, INDUSTRIAL	-	-	37,500	871	-	-	-	-
CRAWFISH	-	-	-	-	1,947,000	$320,280	-	-
SHRIMP	-	-	-	-	-	-	7,700	$2,141
TURTLES, SNAPPER	600	114	3,300	627	-	-	-	-
TOTAL	122,700	16,299	1,353,400	201,379	1,947,000	320,280	7,700	2,141

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS		LINES	
					HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	20,300	$1,506	15,100	$1,117	-	-
BUFFALOFISH	572,700	74,218	431,900	55,975	-	-
CARP	54,400	1,885	29,700	1,029	-	-
CATFISH AND BULLHEADS	159,700	44,633	128,200	35,623	-	-
GARFISH	64,700	4,792	59,000	4,375	-	-
PADDLEFISH	3,000	297	2,500	248	-	-
SHEEPSHEAD	93,800	12,027	103,400	8,431	-	-
UNCLASSIFIED, INDUSTRIAL	7,800	174	7,800	174	-	-
TURTLES, SNAPPER	2,800	531	3,400	645	10,500	$1,989
TOTAL	979,200	140,063	781,000	107,617	10,500	1,989

(CONTINUED ON NEXT PAGE)

LOUISIANA - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	LINES - CONTINUED LONG OR SET WITH HOOKS		DIP NETS, COMMON		FROG GRABS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS. . . .	284,400	$79,033	-	-	-	-
GARFISH.	11,500	847	-	-	-	-
PADDLEFISH	1,400	140	-	-	-	-
UNCLASSIFIED, INDUSTRIAL . .	-	-	482,000	$11,414	-	-
TURTLES:						
BABY	-	-	2,200	10,650	-	-
SNAPPER.	4,400	836	-	-	-	-
FROGS.	-	-	9,700	4,466	11,100	$5,109
TOTAL	301,700	80,856	493,900	26,530	11,100	5,109

LOUISIANA - LANDINGS BY WATERS, 1966

SPECIES	MISSISSIPPI RIVER PROPER		ATCHAFALAYA RIVER DRAINAGE AREA	
	[illegible]	VALUE	POUNDS	VALUE
BOWFIN	2,300	$169	9,000	[illegible]
BUFFALOFISH.	58,700	7,608	624,7[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CATFISH AND BULLHEADS. . .	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SHEEPSHEAD	8,100	1,028	[illegible]	[illegible]
UNCLASSIFIED, INDUSTRIAL .	-	-	170,600	[illegible]
CRAWFISH	2,500	411	1,801,500	[illegible]
SHRIMP	5,200	1,446	2,500	[illegible]
TURTLES:				
BABY	-	-	200	900
SNAPPER.	600	114	7,800	1,478
FROGS.	500	230	14,700	6,769
TOTAL	117,900	19,127	3,392,300	548,538

SPECIES	RED RIVER DRAINAGE AREA OUACHITA RIVER DRAINAGE AREA		RED RIVER DRAINAGE AREA UNCLASSIFIED		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	16,400	$1,216	30,500	$2,263	7,000	$519
BUFFALOFISH.	288,700	37,413	683,700	88,607	199,500	25,854
CARP	21,300	674	47,100	1,629	40,000	1,390
CATFISH AND BULLHEADS. . .	103,500	28,764	187,700	52,407	63,000	17,506
GARFISH.	49,700	3,682	48,900	3,625	22,200	1,643
PADDLEFISH	2,400	236	2,900	290	1,900	187
SHEEPSHEAD	27,500	3,491	79,800	10,249	42,600	5,408
UNCLASSIFIED, INDUSTRIAL .	-	-	173,500	4,276	191,000	4,270
CRAWFISH	-	-	135,000	22,207	8,000	1,316
TURTLES:						
BABY	1,300	6,300	600	3,000	100	450
SNAPPER.	10,600	2,010	4,400	836	1,600	304
FROGS.	2,900	1,334	2,300	1,058	400	184
TOTAL	524,300	85,120	1,396,400	190,447	577,300	59,031

MISSISSISSIPPI RIVER FISHERIES

MINNESOTA

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	WEIRS	POUND NETS	TRAP NETS
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	246	18	2	66
CASUAL	44	-	2	32
TOTAL	290	18	4	98
BOATS:				
MOTOR	68	-	2	63
OTHER	45	-	-	-
GEAR:				
NUMBER	50	40	14	156
LENGTH, YARDS	32,158	-	-	-

ITEM	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	177	89	6	-	408
CASUAL	26	150	39	5	275
TOTAL	203	239	45	5	683
BOATS:					
MOTOR	92	159	44	5	386
OTHER	2	-	-	-	46
GEAR:					
NUMBER	2,625	229	44	10	-
SQUARE YARDS	-	337,900	-	-	-
HOOKS	-	-	9,020	-	-

* * *

MINNESOTA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		WEIRS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	7,000	$70	-	-	-	-	5,000	$77
BUFFALOFISH	764,800	83,552	2,800	$198	8,900	$979	5,600	396
BURBOT	200	4	-	-	-	-	-	-
CARP	3,151,100	90,489	76,300	2,101	-	-	314,200	8,609
CATFISH AND BULLHEADS	587,200	48,210	37,700	1,120	-	-	94,300	2,801
GARFISH	7,700	157	-	-	-	-	-	-
GIZZARD SHAD	8,000	120	-	-	-	-	-	-
QUILLBACK	300	6	-	-	-	-	-	-
SHEEPSHEAD	363,100	20,554	-	-	-	-	2,500	37
SUCKERS	41,400	218	74,700	199	-	-	18,700	50
WHITE BASS	56,100	242	-	-	-	-	-	-
YELLOW PERCH	11,100	1,074	1,900	28	-	-	11,200	167
TOTAL	4,998,000	244,696	193,400	3,646	8,900	979	451,500	12,137

(CONTINUED ON NEXT PAGE)

MINNESOTA - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE		LINES, LONG OR SET WITH HOOKS		CROWFOOT BARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	32,400	$332	-	-	-	-	-	-
BUFFALOFISH	66,200	6,964	39,000	$4,259	400	$41	-	-
BURBOT	12,200	244	-	-	-	-	-	-
CARP	628,400	18,094	132,000	3,827	3,500	100	-	-
CATFISH AND BULLHEADS	1,614,700	134,762	4,300	993	30,000	7,387	-	-
MOONEYE	-	-	4,800	1,309	-	-	-	-
PIKE OR PICKEREL	-	-	15,300	1,801	-	-	-	-
QUILLBACK	-	-	1,000	22	-	-	-	-
SHEEPSHEAD	10,400	239	99,600	2,295	3,900	189	-	-
SUCKERS	56,200	153	200	7	100	3	-	-
WHITEFISH, COMMON	-	-	1,800	793	-	-	-	-
YELLOW PERCH	35,900	3,394	276,200	43,917	-	-	-	-
YELLOW PIKE	-	-	775,600	225,092	-	-	-	-
MUSSEL SHELLS	-	-	-	-	-	-	186,800	$7,833
TURTLES, SNAPPER	200	24	-	-	-	-	-	-
TOTAL	2,456,600	164,206	1,349,800	284,315	37,900	[illegible]	186,800	7,833

MINNESOTA - LANDINGS BY WATERS, 1966

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA					
	MISSISSIPPI RIVER PROPER		ST. CROIX RIVER DRAINAGE AREA		UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	27,200	$307
BUFFALOFISH	70,300	$7,700	6,900	$920	808,300	87,527
BURBOT	-	-	-	-	9,300	186
CARP	579,000	16,789	332,000	8,632	2,958,800	84,730
CATFISH AND BULLHEADS	31,600	7,831	-	-	1,550,600	116,827
GARFISH	-	-	6,200	144	1,500	13
GIZZARD SHAD	-	-	-	-	8,000	120
QUILLBACK	1,300	28	-	-	-	-
SHEEPSHEAD	34,800	1,674	64,900	3,115	276,300	16,201
SUCKERS	1,100	34	3,000	91	187,200	505
WHITE BASS	-	-	-	-	56,100	242
YELLOW PERCH	-	-	-	-	58,000	4,285
MUSSEL SHELLS	186,800	7,833	-	-	-	-
TURTLES, SNAPPER	-	-	-	-	200	24
TOTAL	904,900	41,889	413,000	12,902	5,941,500	310,967

SPECIES	NORTHERN DRAINAGE AREA			
	RED LAKE		RED RIVER OF THE NORTH, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	17,200	$172
BUFFALOFISH	-	-	2,200	242
BURBOT	-	-	3,100	62
CARP	-	-	435,700	13,069
CATFISH AND BULLHEADS	2,800	$577	783,200	70,038
MOONEYE	4,800	1,309	-	-
PIKE OR PICKEREL	15,300	1,801	-	-
SHEEPSHEAD	98,700	2,252	4,800	72
WHITEFISH, COMMON	1,800	793	-	-
YELLOW PERCH	276,200	43,917	2,100	378
YELLOW PIKE	775,600	225,092	-	-
TOTAL	1,175,200	275,741	1,248,300	84,033

MISSISSIPPI RIVER FISHERIES

MISSISSIPPI

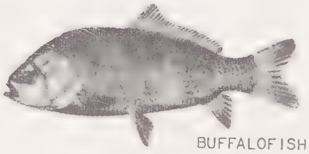
OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES		RAKES	TOTAL, EXCLUSIVE OF DUPLICATION
					LONG OR SET WITH HOOKS	SNAG		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:								
REGULAR.	41	105	160	45	154	71	-	182
CASUAL	18	244	197	26	257	73	50	457
TOTAL	59	349	357	71	411	144	50	639
BOATS:								
MOTOR.	31	322	341	70	377	125	40	586
OTHER.	14	-	-	-	-	-	-	14
GEAR:								
NUMBER	23	3,210	941	137	1,352	455	40	-
LENGTH, YARDS.	8,100	-	-	-	-	-	-	-
SQUARE YARDS	-	-	360,410	49,590	-	-	-	-
HOOKS.	-	-	-	-	341,700	568,750	-	-

MISSISSIPPI - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	1,800	$101	-	-	-	-
BUFFALOFISH.	155,600	$19,450	474,800	60,284	767,500	$96,289	145,600	$18,552
CARP	20,000	1,000	152,100	7,882	168,100	8,625	59,000	3,041
CATFISH AND BULLHEADS. . . .	1,000	300	80,200	24,060	55,100	16,530	23,100	6,930
GARFISH.	5,000	288	4,500	259	18,700	1,073	5,500	316
PADDLEFISH	100	9	900	81	2,000	180	900	81
QUILLBACK.	1,800	90	2,000	100	-	-	-	-
SHEEPSHEAD	2,000	140	13,800	1,056	24,200	1,382	5,800	422
STURGEON, SHOVELNOSE	-	-	-	-	500	50	-	-
SUCKERS.	-	-	1,100	55	-	-	-	-
TOTAL	185,500	21,277	731,200	93,878	1,036,100	124,129	239,900	29,342

SPECIES	LINES				RAKES	
	LONG OR SET WITH HOOKS		SNAG			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	3,500	$196	-	-	-	-
BUFFALOFISH.	14,000	1,620	24,500	$2,900	-	-
CARP	11,000	555	12,400	640	-	-
CATFISH AND BULLHEADS. . . .	428,700	128,610	85,500	25,650	-	-
GARFISH.	7,900	449	8,100	466	-	-
PADDLEFISH	-	-	12,000	972	-	-
SHEEPSHEAD	19,100	897	8,300	305	-	-
MUSSEL SHELLS.	-	-	-	-	300,000	$4,500
TOTAL	484,200	132,327	150,800	30,933	300,000	4,500



BUFFALOFISH

MISSISSIPPI - LANDINGS BY WATERS, 1966

SPECIES	TENNESSEE RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	5,300	$297
BUFFALOFISH	40,200	$4,020	1,541,800	195,075
CARP	25,800	1,290	396,800	20,453
CATFISH AND BULLHEADS	61,000	18,300	612,600	183,780
GARFISH	1,000	50	48,700	2,801
PADDLEFISH	4,000	252	11,900	1,071
QUILLBACK	-	-	3,800	190
SHEEPSHEAD	28,100	843	45,100	3,359
STURGEON, SHOVELNOSE	-	-	500	50
SUCKERS	-	-	1,100	55
MUSSEL SHELLS	-	-	300,000	4,500[1]
TOTAL	160,100	24,755	2,967,600	411,631

MISSOURI

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	-	12	10	5	-	14
CASUAL	2	101	108	70	14	206
TOTAL	2	113	118	75	14	220
BOATS, MOTOR	1	113	118	75	-	219
GEAR:						
NUMBER	1	998	131	165	28	-
LENGTH, YARDS	100	-	-	-	-	-
SQUARD YARDS	-	-	24,150	-	-	-
HOOKS	-	-	-	16,008	-	-

MISSOURI - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	100	$7
BUFFALOFISH	100	$18	41,000	$7,380	20,400	3,672
CARP	100	7	64,700	4,529	27,200	1,904
CATFISH AND BULLHEADS	-	-	20,400	6,585	5,900	1,904
GARFISH	-	-	1,400	112	8,600	688
PADDLEFISH	-	-	300	39	3,700	481
QUILLBACK	-	-	4,900	490	4,600	460
SHEEPSHEAD	-	-	15,000	2,250	4,100	615
STURGEON, SHOVELNOSE	-	-	-	-	800	144
SUCKERS	-	-	1,700	306	-	-
TOTAL	200	25	149,400	[illegible]	[illegible]	[illegible]

SPECIES	LINES, LONG OR SET WITH HOOKS		CROWFOOT BARS	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	100	$7	-	-
BUFFALOFISH	100	18	-	-
CARP	1,400	98	-	-
CATFISH AND BULLHEADS	6,300	2,033	-	-
EELS, COMMON	100	15	-	-
GARFISH	300	24	-	-
SHEEPSHEAD	1,400	210	-	-
STURGEON, SHOVELNOSE	400	72	-	-
MUSSEL SHELLS	-	-	106,000	[illegible]
TOTAL	10,100	2,477	106,000	[illegible]

MISSOURI - LANDINGS BY WATERS, 1966

SPECIES	MISSISSIPPI RIVER PROPER		MISSOURI RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	100	$7	-	-	100	$7
BUFFALOFISH	41,700	7,506	19,000	$3,420	900	162
CARP	51,500	3,605	40,300	2,821	1,600	112
CATFISH AND BULLHEADS	22,900	7,392	9,300	3,001	400	129
EELS, COMMON	100	15	-	-	-	-
GARFISH	9,600	768	700	56	-	-
PADDLEFISH	3,300	429	700	91	-	-
QUILLBACK	5,800	580	3,700	370	-	-
SHEEPSHEAD	17,700	2,655	2,500	375	300	45
STURGEON, SHOVELNOSE	800	144	400	72	-	-
SUCKERS	1,000	180	700	126	-	-
MUSSEL SHELLS	106,000	5,300	-	-	-	-
TOTAL	260,500	28,581	77,300	10,332	3,300	455

MONTANA

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	TRAP NETS	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	5	6	9	6	11
CASUAL	1	-	-	-	1
TOTAL	6	6	9	6	12
BOATS:					
MOTOR	3	6	8	6	9
OTHER	2	-	-	-	2
GEAR:					
NUMBER	3	6	19	15	-
LENGTH, YARDS	900	-	-	-	-
SQUARE YARDS	-	-	5,000	3,000	-

MONTANA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		TRAP NETS		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	46,100	$2,259	50,100	$10,125	50,200	$10,075	50,200	$10,075
CARP	421,800	9,254	1,100	22	1,000	20	1,000	20
CATFISH AND BULLHEADS	-	-	2,000	600	2,400	812	2,300	812
MOONEYE	-	-	-	-	18,600	4,035	-	-
QUILLBACK	9,800	196	2,800	56	5,000	100	5,000	100
SHEEPSHEAD	-	-	-	-	600	61	700	72
SUCKERS	5,100	108	-	-	-	-	-	-
TOTAL	482,800	11,817	56,000	10,803	77,800	15,103	59,200	11,079

NOTE:--THE COMMERCIAL FISHERIES WERE CONFINED TO THE MISSOURI RIVER DRAINAGE AREA.

MISSISSIPPI RIVER FISHERIES

NEBRASKA

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, WIRE BASKETS	TRAMMEL NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR.	20	29	10	12	30
CASUAL	23	40	16	44	60
TOTAL	43	69	26	56	90
BOATS:					
MOTOR.	27	66	26	56	74
OTHER.	21	-	-	-	21
GEAR:					
NUMBER	22	511	223	108	-
LENGTH, YARDS.	2,817	-	-	-	-
SQUARE YARDS	-	-	-	14,133	-

NEBRASKA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH.	3,100	$364	5,900	$935
CARP	64,500	2,383	46,500	5,402
CATFISH AND BULLHEADS.	1,300	301	9,100	3,217
GIZZARD SHAD	4,000	109	35,900	977
GOLDFISH	8,700	260	-	-
QUILLBACK.	7,200	195	16,800	456
SHEEPSHEAD	1,000	24	3,900	98
SUCKERS.	6,400	174	9,600	260
TOTAL.	96,200	3,810	127,700	11,345

SPECIES	POTS AND TRAPS, WIRE BASKETS		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH.	600	$226	5,800	$920
CARP	16,400	2,983	23,800	4,137
CATFISH AND BULLHEADS.	5,300	2,130	8,300	3,048
TOTAL	22,300	5,339	37,900	8,105

NOTE:--THE COMMERCIAL FISHERIES WERE CONFINED TO THE MISSOURI RIVER DRAINAGE AREA.

NEW MEXICO

THE COMMERCIAL FISHERIES WERE CONFINED TO ELEPHANT BUTTE LAKES OF THE RIO GRANDE RIVER DRAINAGE AREA. THE CATCH CONSISTED OF BUFFALOFISH, 93,500 POUNDS, WORTH $9,348. ONE REGULAR AND ONE CASUAL FISHERMAN EMPLOYING ONE MOTOR BOAT FISHED 71 GILL NETS (ANCHOR, SET OR STAKE) WITH A TOTAL OF 13,348 SQUARE YARDS.

NORTH DAKOTA

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	4	1	5
CASUAL	13	15	22
TOTAL	17	16	27
BOATS:			
MOTOR	3	6	8
OTHER	3	-	3
GEAR:			
NUMBER	4	511	-
LENGTH, YARDS	4,000	-	-

NORTH DAKOTA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	80,900	$7,169	140,700	$13,257
CARP	118,000	3,589	63,500	1,705
CATFISH AND BULLHEADS	-	-	323,700	35,042
PADDLEFISH	10,800	1,535	-	-
SHEEPSHEAD	-	-	800	50
STURGEON, SHOVELNOSE	-	-	100	5
SUCKERS	-	-	200	2
TOTAL	209,700	12,293	529,000	50,061

NORTH DAKOTA - LANDINGS BY WATERS, 1966

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA		RED RIVER OF THE NORTH DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	216,700	$19,982	4,900	$444
CARP	128,400	3,355	53,100	1,939
CATFISH AND BULLHEADS	16,900	735	306,800	34,307
PADDLEFISH	10,800	1,535	-	-
SHEEPSHEAD	800	50	-	-
STURGEON, SHOVELNOSE	-	-	100	5
SUCKERS	200	2	-	-
TOTAL	373,800	25,659	364,900	36,695

OHIO

THE COMMERCIAL FISHERIES WERE CONFINED TO THE OHIO RIVER DRAINAGE AREA. THE CATCH CONSISTED OF 177,300 POUNDS OF MUSSEL SHELLS VALUED AT $14,182. SEVENTEEN CASUAL FISHERMEN EMPLOYING 17 MOTOR BOATS FISHED 34 CROWFOOT BARS.

OKLAHOMA

OPERATING UNITS BY GEAR, 1966

ITEM	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	47	21	-	47
CASUAL	21	-	130	151
TOTAL	68	21	130	198
BOATS, MOTOR	68	21	26	94
GEAR:				
NUMBER	300	38	-	-
SQUARE YARDS	117,000	10,070	-	-

OKLAHOMA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	386,900	$46,428	42,800	$5,136	-	-
CARP	132,600	6,630	14,100	705	-	-
CATFISH AND BULLHEADS	73,000	23,360	7,600	2,432	-	-
GARFISH	30,500	1,525	3,600	180	-	-
PADDLEFISH	6,000	420	600	60	-	-
QUILLBACK	52,800	2,640	6,000	300	-	-
SHEEPSHEAD	17,900	2,148	1,800	216	-	-
WHITE BASS	5,000	1,125	77,200	9,186	-	-
MUSSEL SHELLS	-	-	-	-	1,506,000	$79,065
TOTAL	704,700	84,276	153,700	18,215	1,506,000	79,065

OKLAHOMA - LANDINGS BY WATERS, 1966

SPECIES	RED RIVER DRAINAGE AREA, UNCLASSIFIED		ARKANSAS RIVER DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	319,600	$38,352	110,100	$13,212
CARP	109,100	5,455	37,600	1,880
CATFISH AND BULLHEADS	13,300	4,256	67,300	21,536
GARFISH	27,600	1,380	6,500	325
PADDLEFISH	-	-	6,600	480
QUILLBACK	49,900	2,495	8,900	445
SHEEPSHEAD	13,400	1,608	6,300	756
WHITE BASS	-	-	5,700	1,282
MUSSEL SHELLS	-	-	1,506,000	79,065
TOTAL	532,900	53,546	1,755,000	118,981

SOUTH DAKOTA

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	-	7	6	9
CASUAL	36	20	7	42
TOTAL	36	27	13	51
BOATS:				
MOTOR	6	10	9	20
OTHER	6	-	-	6
GEAR:				
NUMBER	4	395	45	-
LENGTH, YARDS	3,306	-	-	-
SQUARE YARDS	-	-	9,000	-

SOUTH DAKOTA - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	816,400	$81,637	92,700	$9,270	477,800	$47,780
CARP	618,900	12,377	138,800	2,776	20,100	402
CATFISH AND BULLHEADS	216,700	10,835	555,200	29,376	7,800	1,174
SHEEPSHEAD	1,300	39	1,700	51	3,800	117
SUCKERS	-	-	9,800	147	18,600	279
TOTAL	1,653,300	104,888	798,200	41,620	528,100	49,752

SOUTH DAKOTA - LANDINGS BY WATERS, 1966

SPECIES	MISSOURI RIVER DRAINAGE AREA		MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED		RED RIVER OF THE NORTH DRAINAGE AREA, UNCLASSIFIED	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	1,386,900	$138,687	-	-	-	-
CARP	514,800	10,296	-	-	263,000	$5,259
CATFISH AND BULLHEADS	607,000	32,750	45,700	$2,285	127,000	6,350
SHEEPSHEAD	5,500	168	-	-	1,300	39
SUCKERS	28,400	426	-	-	-	-
TOTAL	2,542,600	182,327	45,700	2,285	391,300	11,648

MISSISSIPPI RIVER FISHERIES

TENNESSEE

OPERATING UNITS BY GEAR, 1966

ITEM	TRAP NETS	FYKE AND HOOP NETS		GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS
		FISH	TURTLE		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	2	157	[illegible]	33	[illegible]
CASUAL	1	230	[illegible]	[illegible]	[illegible]
TOTAL	3	387	[illegible]	[illegible]	[illegible]
BOATS:					
MOTOR	1	387	8	[illegible]	[illegible]
OTHER	1	-	-	-	-
GEAR:					
NUMBER	8	3,675	80	109	797
SQUARE YARDS	-	-	-	25,240	208,819

ITEM	LINES		DIP NETS, COMMON	CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS	SNAG			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	186	103	4	200	[illegible]
CASUAL	416	160	22	167	843
TOTAL	602	263	26	367	1,371
BOATS:					
MOTOR	591	263	10	367	1,337
OTHER	-	-	-	-	1
GEAR:					
NUMBER	4,428	979	25	734	-
HOOKS	403,360	463,300	-	-	-

TENNESSEE - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	TRAP NET		FYKE AND HOOP NETS			
			FISH		TURTLE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	11,200	$896	222,100	$24,436	-	-
CARP	7,900	158	159,900	7,419	-	-
CATFISH AND BULLHEADS	3,100	775	66,900	19,254	-	-
CRAPPIE	-	-	24,100	7,230	-	-
GIZZARD SHAD	3,000	105	-	-	-	-
MOONEYE	1,000	36	-	-	-	-
PADDLEFISH	200	30	200	[illegible]	-	-
QUILLBACK	100	3	28,000	[illegible]	-	-
SHEEPSHEAD	2,400	240	100,800	[illegible]	-	-
YELLOW BASS	-	-	9,200	[illegible]	-	-
TURTLES, SNAPPER	-	-	-	-	[illegible]	[illegible]
TOTAL	28,900	2,243	611,200	[illegible]	[illegible]	[illegible]

SPECIES	GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS		LINES	
					LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	96,700	$9,016	797,000	$81,308	9,800	$977
CARP	77,800	2,584	655,400	26,709	14,000	508
CATFISH AND BULLHEADS	12,400	3,297	213,400	60,623	877,200	232,299
CRAPPIE	1,900	570	26,000	7,800	-	-
GARFISH	-	-	18,900	939	4,200	209
PADDLEFISH	11,200	1,495	15,100	1,960	3,200	480
QUILLBACK	-	-	108,400	5,282	3,100	141
SHEEPSHEAD	33,600	1,679	348,500	17,804	36,300	2,093
YELLOW BASS	-	-	5,200	442	1,200	102
TOTAL	233,600	18,641	2,187,900	202,867	949,000	236,809

(CONTINUED ON NEXT PAGE)

TENNESSEE - LANDINGS BY GEAR, 1966 - Continued

SPECIES	LINES - CONTINUED		DIP NETS, COMMON		CROWFOOT BARS	
	SNAG					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	10,500	$1,134	39,800	$6,766	-	-
CARP	14,700	553	13,500	1,485	-	-
CATFISH AND BULLHEADS	153,400	42,247	-	-	-	-
GARFISH	200	10	-	-	-	-
PADDLEFISH	40,000	5,642	5,900	1,180	-	-
SHEEPSHEAD	7,800	386	300	15	-	-
SUCKERS	-	-	600	102	-	-
MUSSEL SHELLS	-	-	-	-	5,101,600	$488,337
TURTLES, BABY	-	-	500	2,000	-	-
TOTAL	226,600	49,972	60,600	11,548	5,101,600	488,337

TENNESSEE - LANDINGS BY WATERS, 1966

SPECIES	OHIO RIVER DRAINAGE AREA				MISSISSIPPI RIVER DRAINAGE AREA, UNCLASSIFIED	
	TENNESSEE RIVER DRAINAGE AREA		CUMBERLAND RIVER DRAINAGE AREA			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	546,500	$49,872	96,800	$12,751	543,800	$61,910
CARP	544,000	19,373	62,000	3,183	337,200	16,860
CATFISH AND BULLHEADS	837,100	209,275	46,000	13,570	443,300	135,650
CRAPPIE	-	-	-	-	52,000	15,600
GARFISH	500	18	9,000	450	13,800	690
GIZZARD SHAD	3,000	105	-	-	-	-
MOONEYE	1,000	36	-	-	-	-
PADDLEFISH	53,900	8,085	12,000	1,790	9,900	931
QUILLBACK	133,100	6,753	300	10	6,200	310
SHEEPSHEAD	91,200	5,460	15,000	662	423,500	21,175
SUCKERS	-	-	600	102	-	-
YELLOW BASS	-	-	-	-	15,600	1,326
MUSSEL SHELLS	5,011,600	478,837	90,000	9,500	-	-
TURTLES:						
BABY	-	-	-	-	500	2,000
SNAPPER	-	-	-	-	10,000	1,200
TOTAL	7,221,900	777,814	331,700	42,018	1,855,800	257,652

TEXAS

OPERATING UNITS BY GEAR, 1966

ITEM	FYKE AND HOOP NETS, FISH	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	28	83	21	54	87
CASUAL	35	149	8	153	190
TOTAL	63	232	29	207	277
BOATS, MOTOR	55	203	26	182	231
GEAR:					
NUMBER	322	607	83	564	-
SQUARE YARDS	-	128,750	16,887	-	-
HOOKS	-	-	-	42,125	-

TEXAS - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	FYKE AND HOOP NETS, FISH		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,500	$75	100	$5	100	$5	-	-
BUFFALOFISH	62,300	8,099	843,300	109,636	82,800	10,764	2,000	$260
CARP	2,500	125	75,900	3,795	12,900	645	500	25
CATFISH AND BULLHEADS	40,800	9,975	4,600	1,460	3,000	895	98,500	34,070
GARFISH	2,200	110	84,600	4,230	3,700	185	2,000	100
QUILLBACK	200	10	14,300	715	2,000	100	-	-
SHEEPSHEAD	4,700	607	12,800	1,558	2,800	348	4,500	585
SUCKERS	-	-	10,100	1,010	1,700	170	-	-
TURTLES, SNAPPER	900	90	1,100	110	-	-	-	-
TOTAL	115,100	19,091	1,046,800	122,519	109,000	13,112	107,500	35,040

TEXAS - LANDINGS BY WATERS, 1966

SPECIES	RED RIVER DRAINAGE AREA, UNCLASSIFIED		GULF OF MEXICO DRAINAGE AREA	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	200	$10	1,500	$75
BUFFALOFISH	492,100	63,980	498,300	64,779
CARP	56,500	2,825	35,300	1,765
CATFISH AND BULLHEADS	118,000	40,620	28,900	5,780
GARFISH	32,800	1,640	59,700	2,985
QUILLBACK	5,300	265	11,200	560
SHEEPSHEAD	18,900	2,449	5,900	649
SUCKERS	10,300	1,030	1,500	150
TURTLES, SNAPPER	100	10	1,900	190
TOTAL	734,200	112,829	644,200	76,933

UTAH

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	3	3	6
CASUAL	3	3	6
TOTAL	6	6	12
BOATS, MOTOR	3	-	3
GEAR:			
NUMBER	1	-	-
LENGTH, YARDS	400	-	-

UTAH - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CARP	657,600	$19,728	-	-
ARTEMIA (BRINE SHRIMP)	-	-	169,600	$42,400
TOTAL	657,600	19,728	169,600	42,400

NOTE:--THE COMMERCIAL FISHERIES WERE CONFINED TO THE PACIFIC OCEAN DRAINAGE AREA.

MISSISSIPPI RIVER FISHERIES

WISCONSIN

OPERATING UNITS BY GEAR, 1966

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	WEIRS	TRAP NETS	FYKE AND HOOP NETS, FISH	POTS AND TRAPS, WIRE BASKET
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	6	-	4	-	-
ON BOATS AND SHORE:						
REGULAR.	43	3	6	20	31	16
CASUAL	132	-	2	10	24	37
TOTAL	175	9	8	34	55	53
VESSELS, MOTOR	-	2	-	1	-	-
GROSS TONNAGE.	-	22	-	10	-	-
BOATS:						
MOTOR.	66	1	5	14	38	38
OTHER.	46	-	-	-	-	-
GEAR:						
NUMBER	45	3	3	195	925	1,199
LENGTH, YARDS.	22,045	47	-	-	-	-

ITEM	GILL NETS, ANCHOR, SET OR STAKE	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	CROWFOOT BARS	DIVING OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	-	-	-	6
ON BOATS AND SHORE:						
REGULAR.	63	5	34	50	9	179
CASUAL	98	17	480	30	25	810
TOTAL	161	22	514	80	34	995
VESSELS, MOTOR	-	-	-	-	-	2
GROSS TONNAGE.	-	-	-	-	-	22
BOATS:						
MOTOR.	100	13	378	80	34	666
OTHER.	-	-	-	-	-	46
GEAR:						
NUMBER	100	37	378	160	34	-
SQUARE YARDS	88,837	6,353	-	-	-	-
HOOKS.	-	-	107,020	-	-	-

WISCONSIN - LANDINGS OF CATCH BY GEAR, 1966

SPECIES	HAUL SEINES, COMMON		OTTER TRAWLS, FISH		WEIRS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	2,600	$26	-	-	-	-	-	-
BUFFALOFISH.	881,300	96,953	100	$8	174,600	$19,200	-	-
BURBOT	9,300	1,117	8,500	1,016	-	-	47,800	$5,733
CARP	6,146,100	184,384	34,700	1,042	373,300	11,200	384,600	11,538
CATFISH AND BULLHEADS. . .	21,000	5,508	-	-	-	-	55,100	4,963
GARFISH.	14,200	142	-	-	-	-	100	1
MINNOWS.	-	-	-	-	-	-	100	2
MOONEYE.	3,200	32	300	3	-	-	200	2
QUILLBACK.	7,200	145	-	-	-	-	-	-
SHEEPSHEAD	428,600	25,722	1,145,300	68,718	2,800	166	332,900	19,976
STURGEON, SHOVELNOSE . . .	100	24	-	-	-	-	-	-
SUCKERS.	35,300	708	-	-	700	15	30,500	609
TURTLES, SNAPPER	1,000	120	-	-	-	-	-	-
TOTAL	7,549,900	314,881	1,188,900	70,787	551,400	30,581	851,300	42,824

(CONTINUED ON NEXT PAGE)

WISCONSIN - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES	FYKE AND HOOP NETS, FISH		POTS AND TRAPS, WIRE BASKETS		GILL NETS, ANCHOR, SET OR STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,500	$15	-	-	300	$3	-	-
BUFFALOFISH.	181,300	19,939	-	-	240,600	26,461	9,300	$1,023
CARP	131,400	3,942	3,100	$94	955,600	28,668	11,400	342
CATFISH AND BULLHEADS. . . .	111,800	25,000	135,400	33,898	6,500	1,733	1,000	263
EELS, COMMON	100	22	100	12	-	-	-	-
GARFISH.	900	9	-	-	5,800	58	1,400	14
MOONEYE.	-	-	-	-	1,200	12	400	4
QUILLBACK.	11,100	222	-	-	2,800	56	-	-
SHEEPSHEAD	51,900	3,112	400	22	21,800	1,308	3,200	194
STURGEON, SHOVELNOSE	400	90	-	-	-	-	-	-
SUCKERS.	19,500	391	300	7	1,300	27	1,900	37
TURTLES, SNAPPER	1,000	117	-	-	1,000	118	-	-
TOTAL	510,900	52,859	139,300	34,033	1,236,900	58,444	28,500	1,877

SPECIES	LINES, LONG OR SET WITH HOOKS		CROWFOOT BARS		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	2,700	$27	-	-	-	-
BUFFALOFISH.	3,100	341	-	-	-	-
CARP	47,200	1,417	-	-	-	-
CATFISH AND BULLHEADS. . . .	236,000	57,539	-	-	-	-
EELS, COMMON	100	29	-	-	-	-
GARFISH.	800	8	-	-	-	-
MOONEYE.	200	2	-	-	-	-
SHEEPSHEAD	31,500	1,889	-	-	-	-
STURGEON, SHOVELNOSE	1,200	245	-	-	-	-
SUCKERS.	1,000	20	-	-	-	-
MUSSEL SHELLS.	-	-	1,604,000	$94,979	401,000	$23,745
TURTLES, SNAPPER	2,500	306	-	-	-	-
TOTAL	326,300	61,823	1,604,000	94,979	401,000	23,745

WISCONSIN - LANDINGS BY WATERS, 1966

SPECIES	MISSISSIPPI RIVER DRAINAGE AREA				NORTHERN DRAINAGE AREA, UNCLASSIFIED	
	MISSISSIPPI RIVER PROPER		UNCLASSIFIED			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	6,700	$67	300	$3	100	$1
BUFFALOFISH.	595,500	65,504	454,900	50,042	439,900	48,379
BURBOT	-	-	-	-	65,600	7,866
CARP	3,489,800	104,697	2,994,600	89,836	1,603,000	48,094
CATFISH AND BULLHEADS. . . .	511,300	123,906	46,800	4,215	8,700	783
EELS, COMMON	300	63	-	-	-	-
GARFISH.	10,200	102	12,900	129	100	1
MOONEYE.	5,000	50	-	-	500	5
MINNOWS.	-	-	100	2	-	-
QUILLBACK.	21,100	423	-	-	-	-
SHEEPSHEAD	481,000	28,861	51,500	3,090	1,485,900	89,156
STURGEON, SHOVELNOSE	1,700	359	-	-	-	-
SUCKERS.	36,700	738	8,300	167	45,400	909
MUSSEL SHELLS.	2,005,000	118,724	-	-	-	-
TURTLES, SNAPPER	4,900	584	600	77	-	-
TOTAL	7,169,200	444,078	3,570,000	147,561	3,649,200	195,194

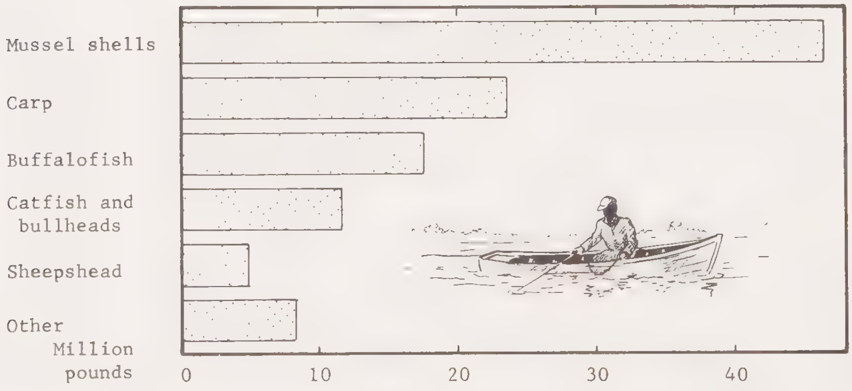
MISSISSIPPI RIVER FISHERIES

GREAT LAKES AND MISSISSIPPI RIVER LANDINGS - BY STATES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA	-	-	15,265	899	15,265	899
ARIZONA	-	-	30	6	30	6
ARKANSAS	-	-	16,177	1,735	16,177	1,735
COLORADO	-	-	76	2	76	2
IDAHO	-	-	3,025	191	3,025	191
ILLINOIS	302	58	9,784	889	10,086	947
INDIANA	87	10	8,348	1,264	8,435	1,274
IOWA	-	-	3,414	264	3,414	264
KANSAS	-	-	59	10	59	10
KENTUCKY	-	-	3,294	503	3,294	503
LOUISIANA	-	-	6,008	902	6,008	902
MICHIGAN	21,284	2,568	-	-	21,284	2,568
MINNESOTA	3,409	269	9,683	726	13,092	995
MISSISSIPPI	-	-	3,128	436	3,128	436
MISSOURI	-	-	341	39	341	39
MONTANA	-	-	676	49	676	49
NEBRASKA	-	-	284	29	284	29
NEW MEXICO	-	-	94	9	94	9
NEW YORK	457	118	-	-	457	118
NORTH DAKOTA	-	-	739	62	739	62
OHIO	10,516	943	177	14	10,693	957
OKLAHOMA	-	-	2,288	173	2,288	173
PENNSYLVANIA	573	71	-	-	573	71
SOUTH DAKOTA	-	-	2,980	196	2,980	196
TENNESSEE	-	-	9,409	1,077	9,409	1,077
TEXAS	-	-	1,378	190	1,378	190
UTAH	-	-	827	62	827	62
WISCONSIN	32,822	1,838	14,388	787	47,210	2,625
TOTAL	69,450	5,875	111,872	10,514	181,322	16,389

MISSISSIPPI RIVER LANDINGS, 1966



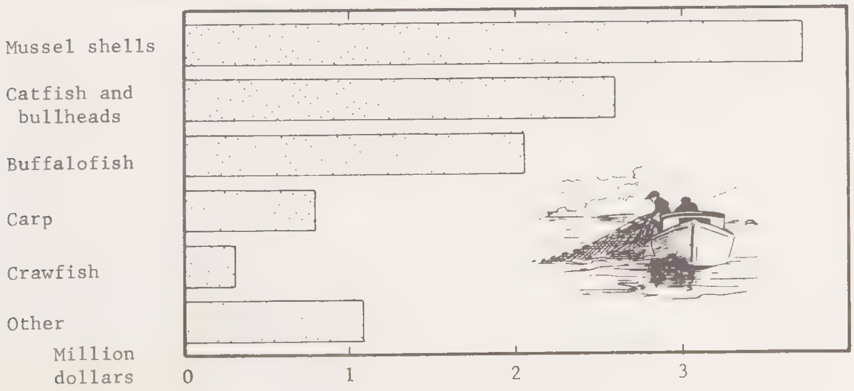
GREAT LAKES AND MISSISSIPPI RIVER LANDINGS - BY SPECIES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	29,008	435	-	-	29,008	435
BLUE PIKE	(1)	(1)	-	-	(1)	(1)
BOWFIN	2	(1)	140	7	142	7
BUFFALOFISH	43	5	17,287	2,028	17,330	2,033
BURBOT	93	4	78	8	171	12
CARP	7,263	207	23,495	779	30,758	986
CATFISH AND BULLHEADS	1,009	255	11,512	2,580	12,521	2,835
CHUBS	9,992	1,877	157	3	10,149	1,880
CRAPPIE	2	(1)	52	16	54	16
EELS, COMMON	35	9	1	(1)	36	9
GARFISH	(1)	(1)	721	47	721	47
GIZZARD SHAD	23	(1)	441	28	464	28
GOLDFISH	135	4	9	(1)	144	4
LAKE HERRING	4,576	481	-	-	4,576	481
LAKE TROUT	120	80	-	-	120	80
MINNOWS	-	-	(1)	(1)	(1)	(1)
MOONEYE OR GOLDEYE	(1)	1	32	5	32	6
PADDLEFISH	-	-	355	47	355	47
PIKE OR PICKEREL	108	10	15	2	123	12
QUILLBACK	23	1	571	29	594	30
SALMON, RED OR SOCKEYE	-	-	237	130	237	130
ROCK BASS	11	1	-	-	11	1
SAUGER	31	6	-	-	31	6
SHEEPSHEAD	2,173	48	5,030	320	7,203	368
SMELT	2,414	112	-	-	2,414	112
STURGEON	3	3	42	7	45	10
SUCKERS	1,170	38	1,359	33	2,529	71
SUNFISH	12	1	-	-	12	1
TULLIBEE	940	28	-	-	940	28
WHITE BASS	1,224	190	62	1	1,286	191
WHITEFISH:						
COMMON	1,971	982	2	1	1,973	983
MENOMINEE	53	13	-	-	53	13
WHITE PERCH	100	35	-	-	100	35
YELLOW BASS	-	-	16	1	16	1
YELLOW PERCH	6,164	733	336	49	6,500	782
YELLOW PIKE	752	316	776	225	1,528	541
UNCLASSIFIED, FOR FOOD	-	-	535	13	535	13
ARTEMIA (BRINE SHRIMP) EGGS	-	-	170	42	170	42
CRAWFISH	-	-	1,947	320	1,947	320
SHRIMP	-	-	8	2	8	2
MUSSEL SHELLS	-	-	46,361	3,727	46,361	3,727
PEARLS AND SLUGS	-	-	-	10	-	10
TURTLES:						
BABY	-	-	7	33	7	33
SLIDER	-	-	22	1	22	1
SNAPPER	-	-	70	10	70	10
SOFT-SHELL	-	-	5	(1)	5	(1)
FROGS	-	-	21	10	21	10
TOTAL	69,450	5,875	111,872	10,514	181,322	16,389

1/ LESS THAN 500 POUNDS OR $500.

VALUE OF MISSISSIPPI RIVER LANDINGS, 1966



MISSISSIPPI RIVER FISHERIES

FISH POND PRODUCTION, 1966

Fish pond production data are not included in the U.S. landings tables in the General Review or Review of Certain Major Fisheries sections.

In recent years the commercial culture of fish has become an increasingly important means of supplying fish for food, bait, and ornamental uses. The food fish are harvested as either adults or fingerlings. If harvested as adults, they are processed and sold to the consumer in the same way as those caught by commercial fishermen: if harvested as fingerlings, they may be used either to supply sportsfishermen with bait, or to stock ponds. In the ponds they are raised to adulthood for harvesting and subsequent sale to commercial fish markets.

Fish pond producers are now operating in approximately ten States in the Mississippi Delta; the acreage devoted to fish ponds in these areas is reported to be increasing by about 4,000 acres annually. Statistics on the fish pond culture in three of these States are shown in the following table. The data presented in the following table were collected by agencies of the several States. The Bureau is not currently engaged in collection of these statistics. When data from other States become available to the Bureau, they will be included in this presentation.

FISH POND PRODUCTION, BY CERTAIN STATES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ARKANSAS		MISSOURI		SOUTH DAKOTA	
FOOD FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BLACK BASS, CRAPPIE, AND SUNFISH:						
ADULTS	120	120	1	6	-	-
FINGERLINGS	250	12	3	1	-	-
BLUEGILL:						
ADULTS	-	-	1	1	-	-
FINGERLINGS	-	-	(1)	(1)	-	-
BUFFALOFISH	500	100	-	-	-	-
CATFISH:						
ADULTS	250	1,000	53	53	-	-
FINGERLINGS	4,375	2,038	114	63	-	-
TROUT:						
RAINBOW	-	-	2,253	1,915	47	36
UNCLASSIFIED	50	50	-	-	-	-
UNCLASSIFIED FISH	1,000	120	-	-	-	-
CRAWFISH, FRESH-WATER	-	-	94	9	-	-
TOTAL FOOD FISH	6,545	3,440	2,519	2,048	47	36
BAIT AND ORNAMENTAL FISH						
CARP AND MINNOWS:						
FATHEAD MINNOWS	400	300	25	50	106	53
GOLDEN SHINER	3,250	4,000	207	436	-	-
GOLDFISH	1,000	1,000	104	188	-	-
ISRAELI CARP	50	25	-	-	-	-
STONEROLLER	-	-	1	2	-	-
UNCLASSIFIED MINNOWS	-	-	1	2	-	-
CHUBS	-	-	-	-	43	22
FROGS, LEOPARD	-	-	-	-	19	10
TOTAL BAIT AND ORNAMENTAL FISH	4,700	5,325	338	678	168	85
GRAND TOTAL	11,245	8,765	2,857	2,726	215	121

1/ LESS THAN 500 POUNDS OR $500.

* * *

SECTION 10 - HAWAII FISHERIES

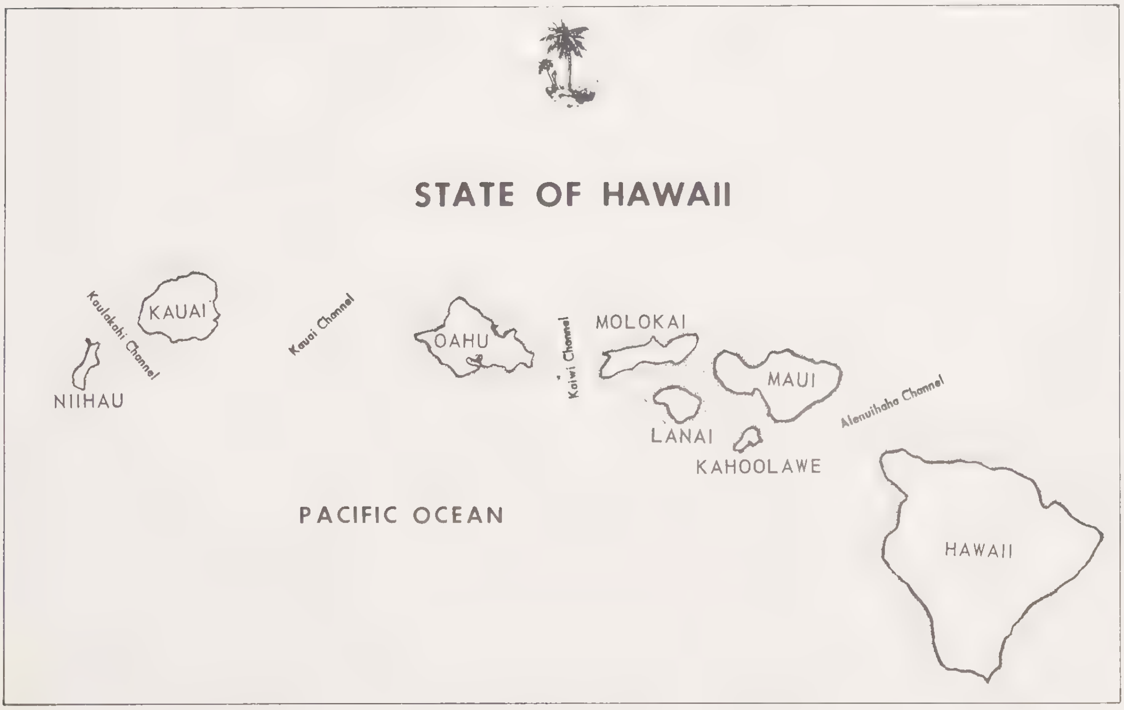
Landings of commercially caught fish and shellfish at ports in the State of Hawaii were 13.0 million pounds worth $3.1 million--a decline of 6.6 million pounds (34 percent) and $474,700 (13 percent) compared with the previous year. The smaller volume resulted from a sharp decrease in tuna landings--principally skipjack. The 9.4-million pound skipjack catch was 6.8 million pounds (42 percent) less than the record landings of 1965; but just slightly less than the 10-year average (1956-65) production of 9.8 million pounds. The value of skipjack landings was $1.4 million in 1966--compared with the record value of $2.0 million in 1965. The production of bluefin (including bigeye) tuna, 762,600 pounds, also declined slightly, but there were small increases in landings of albacore, little, and yellowfin tuna compared with the previous year. The total tuna catch of 10.7 million pounds worth $2.1 million was 82 percent of the volume and 68 percent of the value of the Hawaii landings.

Among other leading species, landings of bigeye scad (624,600 pounds) and jack mackerel (219,800 pounds) increased 175,000 and 29,800 pounds, respectively, compared with 1965. However, the production of black marlin (147,400 pounds) declined 14 percent and striped marlin (318,300 pounds), 17 percent compared with the previous year.

Fishery products were landed at six of the eight principal islands that form the State of Hawaii. Oahu led the islands with a production of 10.5 million pounds--80 percent of the total. The island of Hawaii was next with 1.3 million pounds, followed by Maui with 845,400 pounds. The remainder of the landings were made at Kauai, Molokai, and Lanai. In 1966, the catch was taken by 744 fishermen, who operated 65 vessels of 5 net tons or more, 312 motor boats, and 11 other boats.

The data in this section were assembled and prepared for publication by the Bureau's area office, Honolulu, Hawaii, largely from information collected by the Hawaii Department of Land and Natural Resources, Division of Fish and Game.

The following tables contain summarized and detailed information on the 1966 operating units and landings by islands of the State of Hawaii. Condensed summary data on the operating units and landings of Hawaii, appearing in the following pages, have been published previously in Current Fishery Statistics No. 4552.



HAWAII FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ISLAND	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAWAII	1,322	301	20	18	1,342	319
MOLOKAI	48	21	3	3	51	24
OAHU	10,442	2,487	21	14	10,463	2,501
KAUAI	300	99	5	3	305	102
MAUI	837	171	8	8	845	179
LANAI	8	3	(1)	(1)	8	3
TOTAL	12,957	3,082	57	46	13,014	3,128

1/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF OPERATING UNITS, 1966

ITEM	TOTAL
	NUMBER
FISHERMEN:	
ON VESSELS	271
ON BOATS AND SHORE	473
TOTAL	744
VESSELS, MOTOR	65
GROSS TONNAGE	1,852
BOATS:	
MOTOR	312
OTHER	11

NOTE:--DATA ARE NOT AVAILABLE ON THE NUMBER AND SIZE OF GEAR USED IN THE HAWAII FISHERIES. THERE WERE 26 FISHERY WHOLESALING AND PROCESSING ESTABLISHMENTS IN THE STATE OF HAWAII IN 1966. PEAK EMPLOYMENT IN THESE PLANTS TOTALED 449 PERSONS.

HAWAII - LANDINGS BY SPECIES, 1966

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
OCEAN CATCH: FISH			
AMBERJACK	KAHALA	99,084	$28,609
BARRACUDA	KAKU	3,102	720
BARRACUDA, JAPANESE	KAWELEA	9,616	3,406
BIGEYE SCAD	AKULE	624,573	285,527
BONEFISH	OIO	26,138	8,798
CREVALLE:			
BLUE	ULUA OMILU	1,224	604
JACK	ULUA	64,154	29,125
DAMSELFISH	KUPIPI	2,201	742
DOLPHIN	MAHIMAHI	85,432	41,360
EELS:			
CONGER	PUHI	2,249	236
MORAY	PUHI	1,053	68
GOATFISHES:			
	KUMU	8,755	9,040
	MALU	1,377	869
	MOANO	11,809	6,905
	MOELUA	6,985	4,049
	WEKE	51,087	17,576
	WEKE-ULA	18,931	11,406
MACKEREL, JACK	OPELU	219,797	87,497

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY SPECIES, 1966 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
OCEAN CATCH CONTINUED:	FISH - CONTINUED		
MARLIN:			
BLACK	A'U	147,427	$43,969
SAILFISH	A'U LEPE	16,111	2,582
SILVER	A'U	12,438	4,522
STRIPED	A'U	318,298	105,961
MILKFISH	AWA	11,356	3,219
MOUNTAIN BASS	AHOLEHOLE	3,272	2,101
MULLET	AMAAMA	15,581	15,180
PARROT FISH	UHU	5,725	1,834
RED BIGEYE	AWEOWEO	6,668	2,139
RUDDERFISH	NENUE	9,066	3,443
RUNNER	LAI	565	127
SARDINE	MAKIAWA	691	214
SEA BASS, BLACK	HAPUUPUU	33,098	14,169
SNAPPER:			
GRAY	UKA	58,107	23,899
PINK	KALIKALI	13,070	7,310
PINK	OPAKAPAKA	97,501	47,928
RED	ULAULA	19,587	14,864
RED	ULAULA KOAE	69,735	68,829
SPOT	A'WA	1,207	156
SQUIRRELFISH	UU	10,344	7,363
SURGEON FISH:			
	KALA	27,231	3,311
	MAIKO	421	118
	PALANI	10,580	2,248
	PUALU	7,229	1,301
SWORDFISH	A'U	16,210	4,008
TANG:			
CONVICT	MANINI	7,748	3,730
ORANGE SPOT	NAENAE	152	19
TENPOUNDER	AWAAWA	5,207	2,161
THREADFIN	MOI	22,246	19,682
TRIGGERFISH	HUMUHUMU	1,924	574
TUNA:			
ALBACORE	AHIPALAHA	19,111	6,377
BIGEYE AND BLUEFIN	AHI	762,594	483,150
LITTLE	KAWAKAWA	27,895	3,921
SKIPJACK	AKU	9,384,527	1,403,618
YELLOWFIN	AHI	502,740	214,915
TOTAL TUNA		10,696,867	2,111,981
WAHOO	ONO	22,250	4,940
UNCLASSIFIED		32,245	11,024
TOTAL FISH		12,937,724	3,071,443
	SHELLFISH, ETC.		
CRABS:			
	KONA	9,294	6,215
	KUAHONU	4,549	3,835
	MOALA	1,935	870
	PAPAI	7,275	3,124
	SAMOAN	1,411	644
LIMPET	OPIHI	5,360	15,777
LOBSTERS:			
SLIPPER	ULAPAPAPA	10	8
SPINY	ULA	5,481	4,398
OCTOPUS	HEE	6,612	4,076
SHRIMP	OPAE	524	1,053
SQUID	MUHEE	7,068	3,069
TURTLES	HONU	4,715	1,053
TOTAL SHELLFISH, ETC.		54,234	44,122
TOTAL OCEAN CATCH		12,991,958	3,115,565
POND CATCH: 1/	FISH		
BARRACUDA	KAKU	248	194
BONEFISH	OIO	2,331	1,125

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY SPECIES, 1966 - Continued

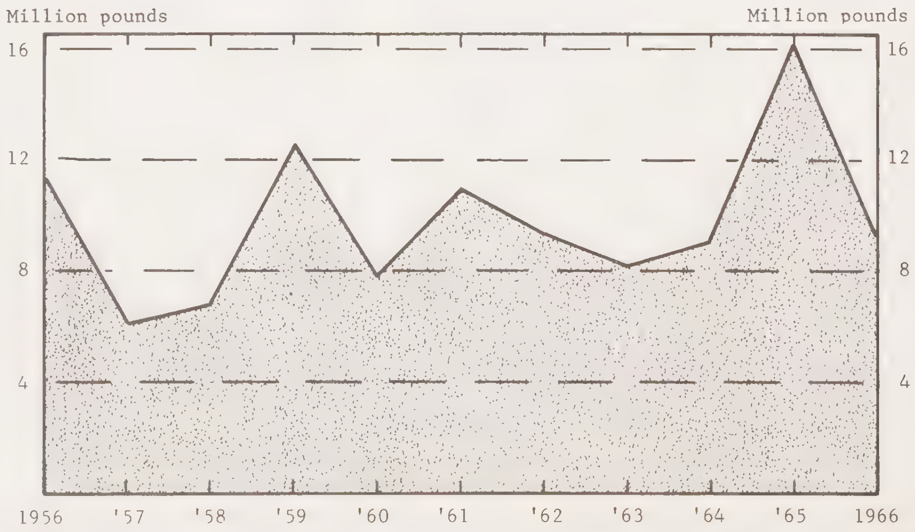
SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
POND CATCH 1/ CONTINUED:	FISH - CONTINUED		
CREVALLE:			
BLUE	ULUA OMILU	55	$38
JACK	ULUA	611	528
EEL, MORAY	PUHI	5	(2)
GOATFISHES:			
	KUMU	5	5
	WEKE	15	4
MILKFISH	AWA	13,016	5,369
MOUNTAIN BASS	AHOLEHOLE	401	193
MULLET	AMAAMA	1,802	1,801
RUNNER	LAI	160	43
SURGEON FISH	PUALU	296	59
TENPOUNDER	AWAAWA	422	150
THREADFIN	MOI	359	361
UNCLASSIFIED		32	6
TOTAL FISH		19,758	9,876
	SHELLFISH		
CLAMS, HARD	OLEPE	163	375
CRABS:			
	KUAHONU	1,084	804
	MOALA	15	5
	PAPAI	153	56
	SAMOAN	561	422
SHRIMP	OPAE	70	435
TOTAL SHELLFISH		2,046	2,097
TOTAL POND CATCH		21,804	11,973
GRAND TOTAL		13,013,762	3,127,538

1/ SALT-WATER.

2/ LESS THAN 50 CENTS.

NOTE:--STATISTICS ON THE LANDINGS ARE SHOWN IN ROUND (LIVE) WEIGHT EXCEPT FOR SHELL MOLLUSKS. THE MEAT WEIGHT OF HARD CLAMS AND LIMPETS IS BASED ON A YIELD OF 25 PERCENT AND 20 PERCENT, RESPECTIVELY.

HAWAII LANDINGS OF SKIPJACK TUNA, 1956-66



HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1966

ITEM	HAWAII							
	BAG NETS	POTS AND TRAPS	GILL NETS	LINES				LIFT NETS
				HAND	POLE AND LINE	TROLL	LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	1	-	3	14	5	-	-
ON BOATS AND SHORE. . . .	1	3	9	52	3	17	4	14
TOTAL.	1	4	9	55	17	22	4	14
VESSELS, MOTOR.	-	1	-	3	2	5	-	-
GROSS TONNAGE	-	42	-	74	90	82	-	-
BOATS, MOTOR.	-	4	2	36	-	10	2	7

ITEM	HAWAII - CONTINUED						MOLOKAI	
	CAST NETS	BY HAND	SPEAR	POND 1/	MISCELLANEOUS GEAR	TOTAL, EXCLUSIVE OF DUPLICATION	GILL NETS	LINES
								HAND
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	-	-	-	-	21	-	-
ON BOATS AND SHORE. . . .	14	18	3	2	1	107	23	3
TOTAL.	14	18	3	2	1	128	23	3
VESSELS, MOTOR.	-	-	-	-	-	9	-	-
GROSS TONNAGE	-	-	-	-	-	233	-	-
BOATS, MOTOR.	-	-	-	-	-	53	10	3

ITEM	MOLOKAI - CONTINUED						OAHU	
	LINES - CONTINUED	BY HAND	SPEAR	POND 1/	MISCELLANEOUS GEAR	TOTAL, EXCLUSIVE OF DUPLICATION	HAUL SEINES	BAG NETS
	TROLL							
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	-	-	-	-	-	-	23
ON BOATS AND SHORE. . . .	3	4	3	3	2	39	2	4
TOTAL.	3	4	3	3	2	39	2	27
VESSELS, MOTOR.	-	-	-	-	-	-	-	4
GROSS TONNAGE	-	-	-	-	-	-	1	117
BOATS, MOTOR.	3	-	1	-	-	17	2	2

ITEM	OAHU - CONTINUED							
	POTS AND TRAPS	GILL NETS	LINES				LIFT NETS	CAST NETS
			HAND	POLE AND LINE	TROLL	LONG OR SET WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	1	13	8	127	10	59	1	-
ON BOATS AND SHORE. . . .	24	44	108	3	11	14	14	3
TOTAL.	25	57	116	130	21	73	15	3
VESSELS, MOTOR.	1	2	8	13	7	20	1	-
GROSS TONNAGE	13	48	187	581	156	459	16	-
BOATS:								
MOTOR	19	30	85	9	9	10	12	2
OTHER	-	3	1	-	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1966 - Continued

ITEM	OAHU - CONTINUED					KAUAI		
	BY HAND	SPEAR	POND 1/	MISCELLANEOUS GEAR	TOTAL, EXCLUSIVE OF DUPLICATION	HAUL SEINES	BAG NETS	GILL NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	-	-	-	223	-	3	3
ON BOATS AND SHORE. . . .	1	2	4	5	189	1	1	10
TOTAL.	1	2	4	5	412	1	4	13
VESSELS, MOTOR.	-	1	-	-	49	-	1	1
GROSS TONNAGE	-	-	-	-	1,431	-	31	31
BOATS:								
MOTOR	-	2	1	3	142	1	1	4
OTHER	-	-	1	-	5	-	-	6

ITEM	KAUAI - CONTINUED						MAUI	
	LINES			LIFT NETS	CAST NETS	TOTAL, EXCLUSIVE OF DUPLICATION	HAUL SEINES	POTS AND TRAPS
	HAND	TROLL	LONG OR SET WITH HOOKS					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	3	1	1	-	-	6	-	-
ON BOATS AND SHORE. . . .	21	19	1	1	2	36	7	2
TOTAL.	24	20	2	1	2	42	7	2
VESSELS, MOTOR.	2	1	1	-	-	3	-	-
GROSS TONNAGE	18	9	9	-	-	49	-	-
BOATS:								
MOTOR	20	19	1	1	1	27	5	1
OTHER	-	-	-	-	-	6	-	-

ITEM	MAUI - CONTINUED							
	GILL NETS	LINES			LIFT NETS	CAST NETS	BY HAND	SPEAR
		HAND	POLE AND LINE	TROLL				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	-	19	2	-	-	-	-
ON BOATS AND SHORE. . . .	13	49	-	6	8	3	7	3
TOTAL.	13	49	19	8	8	3	7	3
VESSELS, MOTOR.	-	-	2	2	-	-	-	-
GROSS TONNAGE	-	-	105	34	-	-	-	-
BOATS, MOTOR.	8	45	2	6	8	1	-	-

ITEM	MAUI - CONTINUED		LANAI					
	MISCELLANEOUS GEAR	TOTAL, EXCLUSIVE OF DUPLICATION	GILL NETS	LINES		LIFT NETS	CAST NETS	TOTAL, EXCLUSIVE OF DUPLICATION
				HAND	TROLL			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	21	-	-	-	-	-	-
ON BOATS AND SHORE. . . .	1	88	2	9	3	1	2	14
TOTAL.	1	109	2	9	3	1	2	14
VESSELS, MOTOR.	-	4	-	-	-	-	-	-
GROSS TONNAGE	-	139	-	-	-	-	-	-
BOATS, MOTOR.	-	67	-	5	3	1	-	7

1/ SEINES, MISCELLANEOUS NETS, AND BY HAND.

NOTE:--NUMBER AND QUANTITY OF GEAR NOT AVAILABLE. DATA ON OPERATING UNITS ARE NOT COMPLETE.

HAWAII - LANDINGS BY ISLANDS, 1966

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH							
OCEAN CATCH:							
AMBERJACK	KAHALA	21,130	$5,736	975	$231	55,401	$16,099
BARRACUDA	KAKU	597	129	22	9	1,601	339
BARRACUDA, JAPANESE	KAWELEA	5,301	2,163	-	-	3,898	1,116
BIGEYE SCAD	AKULE	37,418	24,207	18,412	8,080	313,187	157,472
BONEFISH	OIO	5,140	1,304	1,480	521	16,696	6,255
CREVALLE:							
BLUE	ULUA OMILU	-	-	23	13	1,191	585
JACK	ULUA	7,264	2,706	1,554	963	43,671	20,119
DAMSELFISH	KUPIPI	64	31	-	-	2,119	702
DOLPHIN	MAHIMAHI	20,299	7,464	7	2	61,153	32,991
EELS:							
CONGER	PUHI	54	21	-	-	2,195	215
MORAY	PUHI	-	-	7	1	1,046	67
GOATFISHES:							
	KUMU	80	78	57	20	8,042	8,528
	MALU	-	-	-	-	1,377	869
	MOANO	1,603	1,053	-	-	9,833	5,671
	WEKE	1,333	971	1,455	265	45,858	15,434
	WEKE-ULA	1,135	738	-	-	15,975	9,781
MACKEREL, JACK	OPELU	105,031	38,283	60	24	74,076	34,610
MARLIN:							
BLACK	A'U	38,852	8,537	-	-	107,077	35,344
SAILFISH	A'U LEPE	1,369	321	-	-	14,742	2,261
SILVER	A'U	7,830	2,443	-	-	4,608	2,079
STRIPED	A'U	26,661	8,069	-	-	291,329	97,837
MILKFISH	AWA	71	17	184	41	7,946	2,191
MOUNTAIN BASS	AHOLEHOLE	238	217	8	4	1,420	783
MULLET	AMAAMA	990	960	1,310	921	10,255	10,635
PARROT FISH	UHU	124	38	26	6	5,426	1,743
RED BIGEYE	AWEOWEO	3,055	1,027	92	30	2,128	521
RUDDERFISH	NENUE	900	361	160	48	7,474	2,774
RUNNER	LAI	44	18	-	-	325	81
SARDINE	MAKIAWA	-	-	-	-	552	197
SEA BASS, BLACK	HAPUUPUU	2,192	929	430	176	27,176	12,029
SNAPPER:							
GRAY	UKA	3,078	1,081	26	7	42,118	17,337
PINK	KALIKALI	1,225	666	4	2	11,674	6,575
PINK	OPAKAPAKA	14,600	6,623	2,275	1,047	45,017	24,348
RED	ULAULA	3,564	2,612	107	65	14,599	11,558
RED	ULAULA KOAE	4,281	2,832	4	5	63,487	64,751
SPOT	A'WA	805	107	-	-	367	40
SQUIRRELFISH	UU	5,289	3,779	64	51	3,331	2,681
SURGEON FISH:							
	KALA	99	11	92	15	26,647	3,192
	MAIKO	224	91	-	-	197	27
	PALANI	135	22	70	15	9,713	2,035
	PUALU	-	-	-	-	7,223	1,299
SWORDFISH	A'U	599	84	-	-	15,611	3,924
TANG:							
CONVICT	MANINI	1,294	741	203	80	4,216	1,858
ORANGE SPOT	NAENAE	-	-	-	-	152	19
TENPOUNDER	AWAAWA	-	-	25	7	5,173	2,152
THREADFIN	MOI	406	407	6,277	5,490	8,958	8,269
TRIGGERFISH	HUMUHUMU	1,062	221	-	-	862	353
TUNA:							
ALBACORE	AHIPALAHA	3,242	1,553	-	-	15,869	4,824
BIGEYE AND BLUEFIN	AHI	49,361	31,770	-	-	713,128	451,338
LITTLE	KAWAKAWA	1,232	257	1,001	319	7,738	983
SKIPJACK	AKU	802,113	86,981	10,431	1,498	7,924,193	1,228,885
YELLOWFIN	AHI	124,873	48,464	-	-	337,157	154,175
TOTAL TUNA		980,821	169,025	11,432	1,817	8,998,085	1,840,205
WAHOO	ONO	7,873	1,930	24	5	9,034	2,037
UNCLASSIFIED		8,280	2,918	722	348	18,094	5,227
TOTAL FISH		1,322,410	300,971	47,587	20,309	10,422,335	2,477,215
SHELLFISH, ETC.							
CRABS:							
	KONA	1,311	836	736	552	2,523	2,456
	KUAHONU	-	-	40	12	4,509	3,823
	MOALA	110	38	-	-	1,825	832
	PAPAI	6,481	2,886	11	5	776	231
	SAMOAN	1,394	627	-	-	17	17
LIMPET	OPIHI	3,073	9,955	187	482	-	-

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY ISLANDS, 1966 - Continued

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHELLFISH, ETC. - CONTINUED							
OCEAN CATCH - CONTINUED:							
LOBSTERS:							
SLIPPER	ULAPAPAPA	-	-	-	-	10	$8
SPINY	ULA	69	$52	-	-	4,361	3,700
OCTOPUS	HEE	69	[illegible]	1,254	[illegible]	[illegible]	982
SQUID	MUHEE	6,963	[illegible]	-	-	-	-
TURTLES	HONU	270	[illegible]	325	270	[illegible]	[illegible]
SHRIMP	OPAE	-	-	181	712	-	-
TOTAL SHELLFISH, ETC.		19,740	[illegible]	2,734	[illegible]	19,107	12,619
TOTAL OCEAN CATCH		1,342,150	[illegible]	50,321	23,001	10,441,442	[illegible]
POND CATCH 1/: FISH							
BARRACUDA	KAKU	-	-	7	-	241	[illegible]
BONEFISH	OIO	-	-	-	-	2,331	1,125
CREVALLE:							
BLUE	ULUA OMILU	-	-	55	38	-	-
JACK	ULUA	-	-	190	105	421	423
EEL, MORAY	PUHI	-	-	-	-	5	(2)
GOATFISHES:							
	KUMU	-	-	2	2	3	3
	WEKE	-	-	-	-	15	4
MILKFISH	AWA	-	-	-	-	13,016	5,369
MOUNTAIN BASS	AHOLEHOLE	-	-	79	55	322	138
MULLET	AMAAMA	-	-	138	121	1,664	1,680
RUNNER	LAI	-	-	-	-	160	43
SURGEON FISH	PUALU	-	-	-	-	296	59
TENPOUNDER	AWAAWA	-	-	-	-	422	150
THREADFIN	MOI	-	-	19	19	340	342
UNCLASSIFIED		-	-	-	-	32	6
TOTAL FISH		-	-	490	345	19,268	9,531
SHELLFISH, ETC.							
CLAMS, HARD	OLEPE	-	-	163	375	-	-
CRABS:							
	KUAHONU	-	-	-	-	1,084	804
	MOALA	-	-	-	-	15	5
	PAPAI	-	-	-	-	153	56
	SAMOAN	-	-	-	-	561	422
SHRIMP	OPAE	-	-	70	435	-	-
TOTAL SHELLFISH, ETC.		-	-	233	810	1,813	1,287
TOTAL POND CATCH		-	-	723	1,155	21,081	10,818
GRAND TOTAL		1,342,150	318,501	51,044	24,156	10,462,523	2,500,652

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH							
OCEAN CATCH:							
AMBERJACK	KAHALA	17,859	$5,730	3,719	$813	-	-
BARRACUDA	KAKU	729	229	133	10	20	$4
BARRACUDA, JAPANESE	KAWELEA	160	51	257	76	-	-
BIGEYE SCAD	AKULE	185,362	59,000	68,203	35,569	1,991	1,199
BONEFISH	OIO	1,236	289	1,586	429	-	-
CREVALLE:							
BLUE	ULUA OMILU	-	-	10	6	-	-
JACK	ULUA	2,996	922	8,599	4,386	70	29
DAMSELFISH	KUPIPI	-	-	-	-	18	9
DOLPHIN	MAHIMAHI	1,456	484	2,497	412	20	7
GOATFISHES:							
	KUMU	41	41	535	373	-	-
	MOANO	148	57	225	124	-	-
	MOELUA	-	-	6,985	4,049	-	-
	WEKE	1,398	589	1,043	317	-	-
	WEKE-ULA	1,718	833	103	54	-	-
MACKEREL, JACK	OPELU	7,746	2,209	32,588	12,242	296	129
MARLIN:							
BLACK	A'U	260	52	1,238	36	-	-
STRIPED	A'U	308	55	-	-	-	-
MILKFISH	AWA	77	62	3,078	908	-	-
MOUNTAIN BASS	AHOLEHOLE	11	6	1,595	1,091	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS BY ISLANDS, 1966 - Continued

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED							
OCEAN CATCH - CONTINUED:							
MULLET	AMAAMA. . . .	2,924	$2,595	102	$69	-	-
PARROT FISH.	UHU	5	1	144	46	-	-
RED BIGEYE	AWEOWEO . . .	622	267	771	294	-	-
RUDDERFISH	NENUE	447	231	85	29	-	-
RUNNER	LAI	-	-	196	28	-	-
SARDINE.	MAKIAWA . . .	-	-	139	17	-	-
SEA BASS, BLACK. . . .	HAPUUPUU. . .	1,245	388	2,055	647	-	-
SNAPPER:							
GRAY	UKA	8,881	3,314	4,004	2,160	-	-
PINK	KALIKALI. . .	-	-	167	67	-	-
PINK	OPAKAPAKA . .	224	68	35,385	15,842	-	-
RED.	ULAULA. . . .	688	281	629	348	-	-
RED.	ULAULA KOAE .	24	6	1,939	1,235	-	-
SPOT	A'WA.	-	-	35	9	-	-
SQUIRRELFISH	UU.	1,398	731	216	93	46	$28
SURGEON FISH:							
	KALA.	334	83	59	10	-	-
	PALANI. . . .	6	1	656	175	-	-
	PUALU	-	-	6	2	-	-
TANG, CONVICT.	MANINI. . . .	1,652	832	168	112	215	107
TENPOUNDER	AWAAWA. . . .	-	-	9	2	-	-
THREADFIN.	MOI	5,800	4,999	795	512	10	5
TUNA:							
BIGEYE AND BLUEFIN .	AHI	105	42	-	-	-	-
LITTLE	KAWAKAWA. . .	7,475	970	8,285	800	2,164	592
SKIPJACK	AKU	3,105	529	642,041	84,970	2,644	755
YELLOWFIN.	AHI	39,542	12,155	933	55	235	66
TOTAL TUNA. . . .	. . . .	50,227	13,696	651,259	85,825	5,043	1,413
WAHOO.	ONO	3,140	694	1,984	186	195	88
UNCLASSIFIED	. . . .	678	228	4,471	2,303	-	-
TOTAL FISH. . . .	. . . .	299,800	99,024	637,668	170,906	7,924	3,018
SHELLFISH, ETC.							
CRABS:							
	KONA.	2,310	1,323	2,414	1,046	-	-
	PAPAI	-	-	7	2	-	-
LIMPET	OPIHI	-	-	2,100	1,340	-	-
LOBSTER, SPINY	ULA	346	218	705	429	-	-
OCTOPUS.	HEE	2,130	1,529	1,528	932	35	17
SQUID.	MUHEE	101	61	4	2	-	-
TURTLES.	HONU.	-	-	630	140	-	-
SHRIMP	OPAE.	-	-	343	341	-	-
TOTAL SHELLFISH, ETC..		4,887	3,131	7,731	8,133	35	17
TOTAL OCEAN CATCH.		304,687	102,155	645,399	179,039	7,959	3,035
GRAND TOTAL.		304,687	102,155	645,399	179,039	7,959	3,035

1/ SALT WATER.

2/ LESS THAN 50 CENTS.

NOTE:--THE WEIGHT OF MEATS FOR MOLLUSKS IS BASED ON A YIELD OF 25 PERCENT FOR HARD CLAMS AND 20 PERCENT FOR LIMPETS.

SKIPJACK TUNA

HAWAII - LANDINGS OF CATCH BY GEAR, 1966

SPECIES		HAUL SEINES		BAG NETS	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA, JAPANESE	KAWELEA	1,025	$327	-	-
BIGEYE SCAD	AKULE	81	64	450,580	$185,274
BONEFISH	OIO	636	348	11,840	4,210
CREVALLE:					
BLUE	ULUA OMILU	5	3	-	-
JACK	ULUA	1,187	1,416	4,688	3,443
DAMSELFISH	KUPIPI	409	166	-	-
GOATFISHES:					
	KUMU	304	331	-	-
	MALU	21	9	-	-
	MOANO	10	5	-	-
	WEKE	5,941	2,044	-	-
MACKEREL, JACK	OPELU	293	94	574	159
MILKFISH	AWA	33	15	-	-
MOUNTAIN BASS	AHOLEHOLE	8	6	-	-
PARROT FISH	UHU	1,616	534	-	-
RED BIGEYE	AWEOWEO	18	4	-	-
RUDDERFISH	NENUE	1,346	650	-	-
SPOT	A'WA	16	6	-	-
SQUIRRELFISH	UU	4	3	31	25
SURGEON FISH:					
	KALA	12,372	1,554	336	64
	PALANI	992	202	-	-
	PUALU	1,879	283	32	8
TANG, CONVICT	MANINI	517	210	-	-
TENPOUNDER	AWAAWA	-	-	75	22
THREADFIN	MOI	-	-	15,639	14,463
UNCLASSIFIED	. . . .	52	13	-	-
CRABS	PAPAI	7	2	-	-
TURTLES	HONU	40	14	-	-
TOTAL	. . . .	28,812	8,303	483,795	207,668

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET OR STAKE		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	KAHALA	1,132	$335	-	-	97,792	$28,243
BARRACUDA	KAKU	12	8	48	$27	1,494	397
BARRACUDA, JAPANESE	KAWELEA	-	-	680	177	6,168	2,463
BIGEYE SCAD	AKULE	-	-	23,103	10,250	150,799	89,930
BONEFISH	OIO	19	6	636	157	9,368	2,772
CREVALLE:							
BLUE	ULUA OMILU	836	436	44	34	289	111
JACK	ULUA	2,959	1,406	2,048	1,271	51,668	21,153
DAMSELFISH	KUPIPI	428	57	416	166	125	60
DOLPHIN	MAHIMAHI	-	-	-	-	40,777	17,995
EELS:							
CONGER	PUHI	2,194	217	-	-	55	19
MORAY	PUHI	1,042	67	11	1	-	-
GOATFISHES:							
	KUMU	6,046	6,454	1,352	1,099	382	470
	MALU	1,356	860	-	-	-	-
	MOANO	9,379	5,534	81	34	2,202	1,267
	MOELUA	-	-	-	-	6,983	4,048
	WEKE	13,466	3,848	9,275	3,279	2,641	1,505
	WEKE-ULA	9,106	4,769	7	3	9,818	6,634
MACKEREL, JACK	OPELU	5	2	-	-	111,051	47,217
MARLIN:							
BLACK	A'U	-	-	-	-	3,476	1,026
SAILFISH	A'U LEPE	-	-	-	-	257	77
SILVER	A'U	-	-	-	-	1,484	724
STRIPED	A'U	-	-	-	-	3,115	1,072
MILKFISH	AWA	2	(1)	10,232	2,868	1,075	333
MOUNTAIN BASS	AHOLEHOLE	10	8	2,367	1,657	178	184
MULLET	AMAAMA	-	-	14,558	14,098	880	894
PARROT FISH	UHU	647	223	334	98	128	40
RED BIGEYE	AWEOWEO	206	58	1,689	577	3,643	1,283
RUDDERFISH	NENUE	15	6	737	320	867	347
RUNNER	LAI	-	-	418	98	147	29
SARDINE	MAKIAWA	-	-	-	-	691	214
SEA BASS, BLACK	HAPUUPUU	3	2	-	-	33,095	14,167
SNAPPER:							
GRAY	UKU	273	106	3	1	57,810	23,774
PINK	KALIKALI	-	-	-	-	13,070	7,310
PINK	OPAKAPAKA	56	25	-	-	97,445	47,903
RED	ULAULA	-	-	-	-	19,572	14,860

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET, OR STAKE		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SNAPPER - CONTINUED:							
RED.	ULAULA KOAE . . .	-	-	-	-	69,735	$68,829
SPOT	A'WA.	79	$12	-	-	1,112	138
SQUIRRELFISH	UU.	519	431	308	$210	9,287	6,554
SURGEON FISH:							
	KALA.	4,585	229	1,859	146	107	12
	MAIKO	6	2	80	35	12	4
	PALANI.	5,316	1,201	224	53	450	94
	PUALU	602	114	6	2	737	111
SWORDFISH.	A'U	-	-	-	-	394	63
TANG:							
CONVICT.	MANINI.	2,037	754	1,043	594	5	3
ORANGE SPOT.	NAENAE.	102	10	50	9	-	-
TENPOUNDER	AWAAWA.	-	-	193	59	4,931	2,077
THREADFIN.	MOI	-	-	5,392	4,170	460	445
TRIGGERFISH.	HUMUHUMU.	833	338	6	1	1,080	235
TUNA:							
LITTLE	KAWAKAWA.	-	-	-	-	14,636	2,185
SKIPJACK	AKU	-	-	-	-	9,374,978	1,402,085
YELLOWFIN.	AHI	-	-	2,603	716	125,697	30,814
WAHOO.	ONO	-	-	-	-	6,639	1,866
UNCLASSIFIED	. . . .	2,857	1,049	962	455	17,038	7,250
CRABS:							
	KONA.	-	-	-	-	4	2
	KUAHONU	4,417	3,742	40	12	-	-
	MOALA	1,750	799	-	-	-	-
	PAPAI	5,452	2,456	11	5	-	-
	SAMOAN.	1,394	627	-	-	-	-
LOBSTERS:							
SLIPPER.	ULAPAPAPA	10	8	-	-	-	-
SPINY.	ULA	2,647	2,254	2,372	1,772	-	-
OCTOPUS.	HEE	661	367	140	92	130	44
SQUID.	MUHEE	-	-	-	-	1,382	547
TURTLE	HONU.	-	-	3,790	837	20	13
TOTAL	. . . .	82,462	38,820	87,118	45,383	10,357,379	1,861,892

SPECIES		LINES - CONTINUED				LIFT NETS	
		TROLL		LONG OR SET WITH HOOKS			
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK.	KAHALA.	86	$17	74	$14	-	-
BARRACUDA.	KAKU.	241	17	1,307	271	-	-
BARRACUDA, JAPANESE. . .	KAWELEA	19	8	-	-	-	-
CREVALLE, JACK	ULUA.	1,108	123	33	8	-	-
DOLPHIN.	MAHIMAHI.	9,154	2,726	35,501	20,639	-	-
GOATFISH	MOELUA.	-	-	-	-	2	$1
MACKEREL, JACK	OPELU	-	-	-	-	107,874	[illegible]
MARLIN:							
BLACK.	A'U	29,574	4,486	114,377	38,457	-	-
SAILFISH	A'U LEPE.	-	-	15,854	2,505	-	-
SILVER	A'U	3,176	552	7,778	3,246	-	-
STRIPED.	A'U	2,024	425	313,159	104,464	-	-
SNAPPER:							
GRAY	UKU	-	-	7	3	-	-
RED.	ULAULA.	15	4	-	-	-	-
SURGEON FISH	PALANI.	-	-	-	-	32	10
SWORDFISH.	A'U	-	-	15,816	3,945	-	-
TUNA:							
ALBACORE	AHIPALAHA	-	-	19,111	6,377	-	-
BIGEYE AND BLUEFIN . .	AHI	105	42	762,489	483,108	-	-
LITTLE	KAWAKAWA.	13,231	1,729	28	7	-	-
SKIPJACK	AKU	8,802	1,385	747	148	-	-
YELLOWFIN.	AHI	23,464	6,156	350,976	177,229	-	-
WAHOO.	ONO	5,833	753	9,708	2,293	70	28
UNCLASSIFIED	. . . .	842	208	9,213	1,428	46	31
CRABS:							
	KONA.	-	-	-	-	9,290	6,213
	KUAHONU	-	-	-	-	94	81
	MOALA	-	-	-	-	185	71
	PAPAI	-	-	-	-	1,804	660
	SAMOAN.	-	-	-	-	17	17
TOTAL	. . . .	97,674	18,631	1,656,178	844,142	119,414	47,137

(CONTINUED ON NEXT PAGE)

HAWAII - LANDINGS OF CATCH BY GEAR, 1966 - Continued

SPECIES		CAST NETS		SPEARS		BY HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CREVALLE, JACK	ULUA	10	$5	-	-	-	-
GOATFISH	KUMU	-	-	-	-	8	$6
MOUNTAIN BASS	AHOLEHOLE	38	13	-	-	-	-
MULLET	AMAAMA	8	4	-	-	-	-
PARROT FISH	UHU	4	2	-	-	28	7
RUDDERFISH	NENUE	2	1	-	-	-	-
SQUIRRELFISH	UU	10	5	-	-	-	-
SURGEON FISH:							
	KALA	9	1	-	-	-	-
	MAIKO	118	48	-	-	-	-
	PALANI	2	(1)	-	-	-	-
TANG, CONVICT	MANINI	2,996	1,577	-	-	-	-
THREADFIN	MOI	283	161	-	-	-	-
UNCLASSIFIED		199	109	-	-	-	-
LIMPET	OPIHI	-	-	-	-	5,360	15,777
LOBSTER, SPINY	ULA	-	-	-	-	223	190
OCTOPUS	HEE	-	-	5,681	$3,573	-	-
TOTAL		3,679	1,926	5,681	3,573	5,619	15,980

SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	KAKU	-	-	-	-	248	$194
BARRACUDA, JAPANESE	KAWELEA	1,724	$431	-	-	-	-
BIGEYE SCAD	AKULE	10	9	-	-	-	-
BONEFISH	OIO	3,639	1,305	-	-	2,331	1,125
CREVALLE:							
BLUE	ULUA OMILU	50	20	-	-	55	38
JACK	ULUA	453	300	-	-	611	528
DAMSELFISH	KUPIPI	823	293	-	-	-	-
EEL, MORAY	PUHI	-	-	-	-	5	(1)
GOATFISHES:							
	KUMU	663	680	-	-	5	5
	MOANO	137	65	-	-	-	-
	WEKE	19,764	6,900	-	-	15	4
MILKFISH	AWA	14	3	-	-	13,016	5,369
MOUNTAIN BASS	AHOLEHOLE	661	225	10	$8	401	193
MULLET	AMAAMA	135	184	-	-	1,802	1,801
PARROT FISH	UHU	2,732	871	236	59	-	-
RED BIGEYE	AWEOWEO	1,112	217	-	-	-	-
RUDDERFISH	NENUE	6,099	2,119	-	-	-	-
RUNNER	LAI	-	-	-	-	160	43
SNAPPER, GRAY	UKA	14	15	-	-	-	-
SQUIRRELFISH	UU	185	135	-	-	-	-
SURGEON FISH:							
	KALA	7,963	1,305	-	-	-	-
	MAIKO	205	29	-	-	-	-
	PALANI	3,564	688	-	-	-	-
	PUALU	3,973	783	-	-	296	59
TANG, CONVICT	MANINI	1,150	592	-	-	-	-
TENPOUNDER	AWAAWA	8	3	-	-	422	150
THREADFIN	MOI	472	443	-	-	359	361
UNCLASSIFIED		627	186	409	295	32	6
CLAMS, HARD	OLEPE	-	-	-	-	163	375
CRABS:							
	KUAHONU	-	-	-	-	1,084	804
	MOALA	-	-	-	-	15	5
	PAPAI	1	1	-	-	153	56
	SAMOAN	-	-	-	-	561	422
LOBSTER, SPINY	ULA	239	182	-	-	-	-
SHRIMP	OPAE	524	1,053	-	-	70	435
SQUID	MUHEE	-	-	5,686	2,522	-	-
TURTLE	HONU	25	3	840	186	-	-
TOTAL		56,966	19,040	7,181	3,070	21,804	11,973

1/ LESS THAN 50 CENTS.

NOTE:--THE WEIGHT OF MEATS FOR MOLLUSKS IS BASED ON A YIELD OF 25 PERCENT FOR HARD CLAMS AND 20 PERCENT FOR LIMPETS.

SECTION 11 - PUERTO RICO FISHERIES

Puerto Rico production is not included in the U.S. landing tables in the General Review or Review of Certain Major Fisheries Sections.

Landings in Puerto Rico were 75.7 million pounds worth $12.4 million to the fishermen--a gain of 10.1 million pounds and $3.3 million compared with 1965. The increase resulted from record tuna landings of 64.7 million pounds valued at $9.4 million--85 percent of the volume and 76 percent of the value of the Puerto Rico catch.

Tuna landed by U.S. fishermen in Puerto Rico were caught only in the Pacific Ocean until 1962. In that year, 9 percent of the tuna catch was taken in the Atlantic Ocean; subsequently in 1963, 13 percent was taken; in 1964, 22 percent; and in 1965, 5 percent. In 1966, however, tuna receipts from the Atlantic dwindled to less than 1 percent of the landings.

The catch by local fishermen, consisting mainly of marine fish, was 11.0 million pounds--the same as in the previous year. Fishermen used various gear--principally gill nets, haul seines, hooks (hand, troll, and long or set lines), cast nets, fish pots, and weirs.

PUERTO RICO LANDINGS, 1953-66

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	TUNA							
	BLUEFIN		SKIPJACK		YELLOWFIN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1953	(1)	(1)	(1)	(1)	(1)	(1)	2,704	(1)
1954	(1)	(1)	(1)	(1)	(1)	(1)	6,388	(1)
1955	(1)	(1)	(1)	(1)	(1)	(1)	9,549	(1)
1956	(1)	(1)	(1)	(1)	(1)	(1)	12,000	(1)
1957	(1)	(1)	(1)	(1)	(1)	(1)	18,393	(1)
1958	(1)	(1)	(1)	(1)	(1)	(1)	16,652	(1)
1959	(1)	(1)	(1)	(1)	(1)	(1)	22,090	(1)
1960	(1)	(1)	5,692	(1)	15,218	(1)	20,910	(1)
1961	(1)	(1)	10,392	(1)	20,658	(1)	31,050	(1)
1962	1,676	(1)	20,086	(1)	7,028	(1)	28,790	(1)
1963 3/	2,494	254	30,454	2,966	4,078	500	37,026	3,720
1964	4,324	476	30,447	2,816	13,622	1,669	48,393	4,961
1965	2,346	287	42,064	4,417	10,166	1,398	54,576	6,102
1966	1,286	176	37,962	4,881	25,450	4,337	64,698	9,394

YEAR	OTHER							
	FRESH-WATER FISH		UNCLASSIFIED FISH		CRUSTACEANS		MOLLUSKS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1953	441	(1)	4,409	(1)	441	(1)	(2)	(1)
1954	441	(1)	4,630	(1)	441	(1)	(2)	(1)
1955	441	(1)	4,630	(1)	661	(1)	(2)	(1)
1956	441	(1)	4,850	(1)	661	(1)	(2)	(1)
1957	441	(1)	4,850	(1)	661	(1)	(2)	(1)
1958	441	(1)	5,071	(1)	661	(1)	(2)	(1)
1959	441	(1)	5,291	(1)	661	(1)	(2)	(1)
1960	441	(1)	5,512	(1)	661	(1)	(2)	(1)
1961	441	(1)	5,952	(1)	661	(1)	(2)	(1)
1962	441	(1)	6,614	(1)	661	(1)	(2)	(1)
1963 3/	441	88	7,496	1,357	1,102	431	(2)	(1)
1964	441	97	8,378	1,843	1,102	551	(2)	(1)
1965	441	110	9,039	2,079	1,323	727	(2)	(1)
1966	441	110	9,039	2,079	1,323	760	(2)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

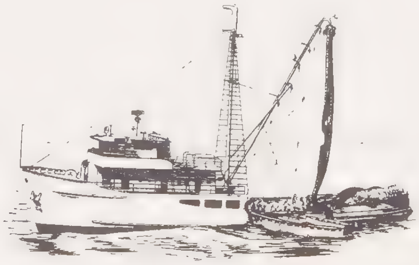
PUERTO RICO LANDINGS, 1953-66 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	OTHER - CONTINUED				GRAND TOTAL	
	MISCELLANEOUS SHELLFISH, ETC.		TOTAL			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1953.	(2)	(1)	5,291	(1)	7,995	(1)
1954.	(2)	(1)	5,512	(1)	11,900	(1)
1955.	(2)	(1)	5,732	(1)	15,281	(1)
1956.	(2)	(1)	5,952	(1)	17,952	(1)
1957.	(2)	(1)	5,952	(1)	24,345	(1)
1958.	(2)	(1)	6,173	(1)	22,825	(1)
1959.	(2)	(1)	6,393	(1)	28,483	(1)
1960.	220	(1)	6,834	(1)	27,744	(1)
1961.	220	(1)	7,274	(1)	38,324	(1)
1962.	(2)	(1)	7,716	(1)	36,506	(1)
1963 3/	220	66	9,259	1,942	46,285	5,662
1964.	220	66	10,141	2,557	58,534	7,518
1965.	220	77	11,023	2,993	65,599	9,095
1966.	220	77	11,023	3,026	75,721	12,420

1/ NOT AVAILABLE.
2/ NEGLIGIBLE.
3/ THERE WAS AN ADDITIONAL CATCH OF BLUEFIN (640,000 POUNDS) AND SKIPJACK (596,000 POUNDS) TUNA LANDED AT U.S. ATLANTIC COAST PORTS AND TRANSHIPPED TO PUERTO RICO.

NOTE:--DATA ON THE PUERTO RICO LANDINGS BY LOCAL FISHERMEN ARE FROM THE YEARBOOK OF FISHERY STATISTICS (VARIOUS YEARS), FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. METRIC TONS HAVE BEEN CONVERTED TO POUNDS BY MULTIPLYING BY 2,204.6. DATA ON TUNA LANDINGS IN PUERTO RICO BY U.S. FISHERMEN WERE OBTAINED BY THE BUREAU.



TUNA PURSE SEINER

PUERTO RICO TUNA LANDINGS ATLANTIC AND PACIFIC OCEANS, 1953-66

(THOUSANDS OF POUNDS)

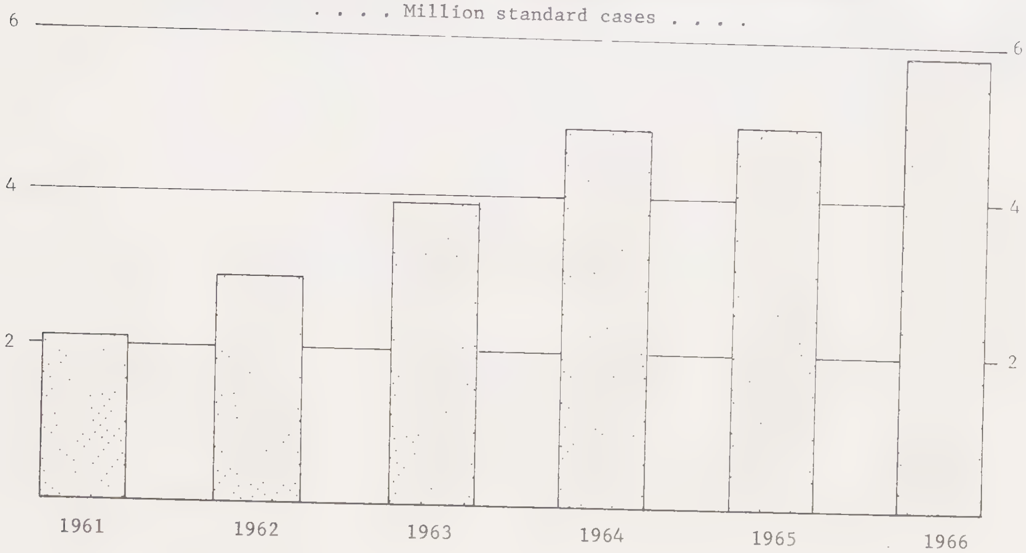
YEAR	BLUEFIN		SKIPJACK		YELLOWFIN	TOTAL		GRAND TOTAL
	ATLANTIC	PACIFIC	ATLANTIC	PACIFIC	PACIFIC	ATLANTIC	PACIFIC	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1953.	-	(1)	-	(1)	(1)	-	2,704	2,704
1954.	-	(1)	-	(1)	(1)	-	6,388	6,388
1955.	-	(1)	-	(1)	(1)	-	9,549	9,549
1956.	-	(1)	-	(1)	(1)	-	12,000	12,000
1957.	-	(1)	-	(1)	(1)	-	18,393	18,393
1958.	-	(1)	-	(1)	(1)	-	16,652	16,652
1959.	-	(1)	-	(1)	(1)	-	22,090	22,090
1960.	-	(1)	-	5,692	15,218	-	20,910	20,910
1961.	-	(1)	-	10,392	20,658	-	31,050	31,050
1962.	1,676	-	936	19,150	7,028	2,612	26,178	28,790
1963 2/	2,494	-	2,326	28,128	4,078	4,820	32,206	37,026
1964.	4,324	-	6,508	23,939	13,622	10,832	37,561	48,393
1965.	2,346	-	128	41,936	10,166	2,474	52,102	54,576
1966.	248	1,038	-	37,962	25,450	248	64,450	64,698

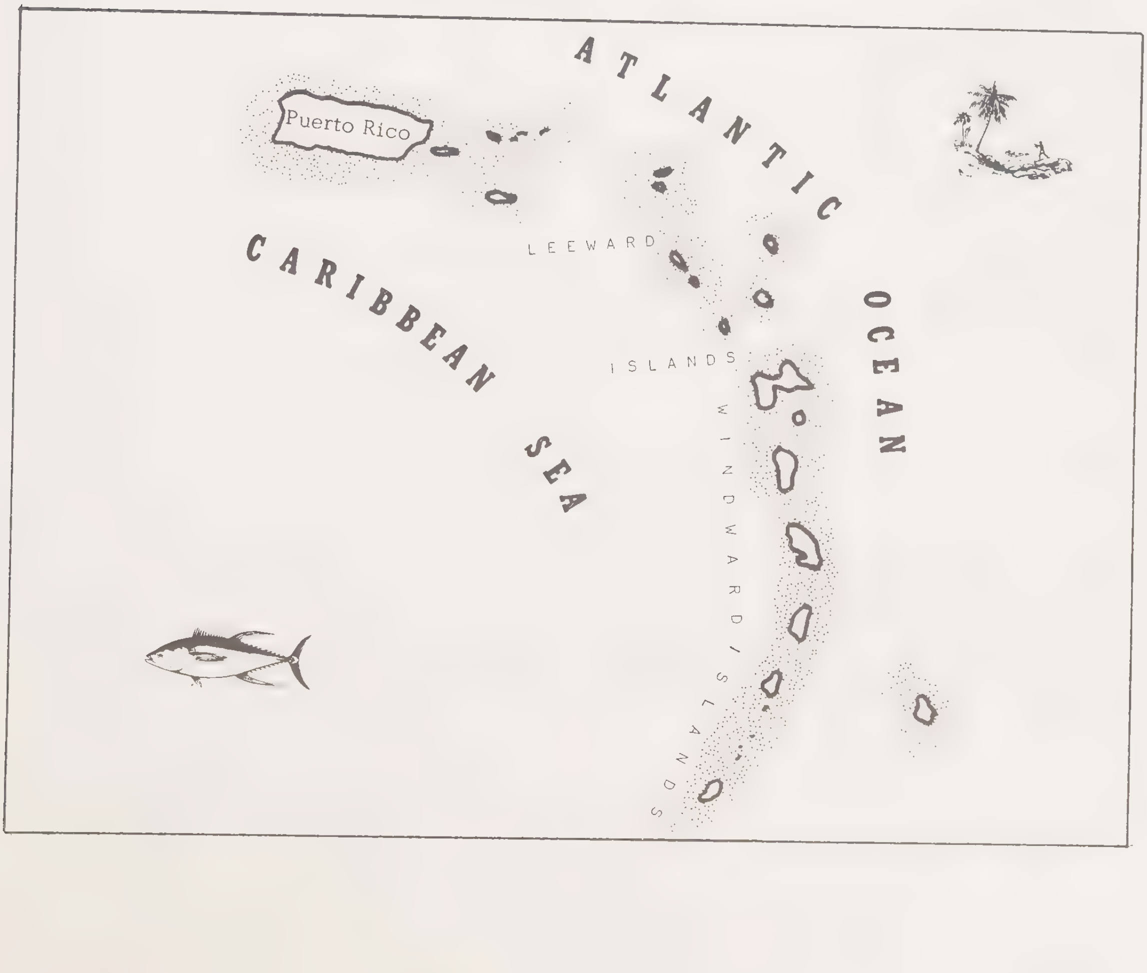
1/ NOT AVAILABLE.
2/ THERE WAS AN ADDITIONAL CATCH OF BLUEFIN (640,000 POUNDS) AND SKIPJACK (596,000 POUNDS) TUNA LANDED AT U.S. ATLANTIC COAST PORTS AND TRANSHIPPED TO PUERTO RICO.

PUERTO RICO FISHERIES

PUERTO RICO

PUERTO RICO PACK OF CANNED TUNA, 1961-1966

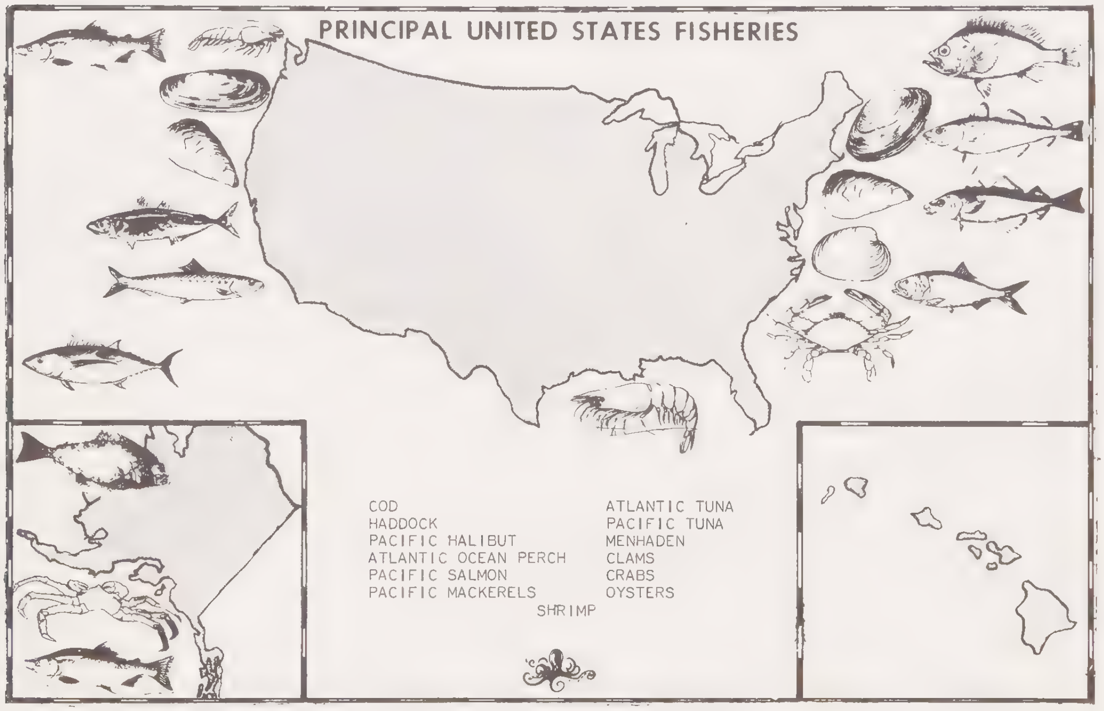




SECTION 12

REVIEW OF CERTAIN MAJOR FISHERIES

In this Section, there are complete data on the landings of certain major commercial species. Additional information is presented on the operating units for many of these fisheries. Most of the major species of fish and shellfish are taken by several types of fishing gear in two or more States. Because of this, the casual reader of the Digest often experiences difficulty in locating complete data. The information contained in this Section includes operating units and the volume and value of landings of catch by types of gear by States and districts.



U.S. COD FISHERY

U.S. fishermen landed 47.6 million pounds of cod valued at $3.7 million--an increase of 1.0 million pounds and $300,000 compared with the previous year.

The catch by otter trawls accounted for 86 percent of the landings; lines, 10 percent; and gill nets, 4 percent. A negligible amount was taken in pound nets, traps, and dredges.

Landings at Massachusetts ports (33.5 million pounds) accounted for 70 percent of the total. The State of Washington was next with 9.3 million pounds, followed by Maine with 2.8 million pounds. Nine other Atlantic and Pacific Coast States accounted for the remaining 1.9 million pounds.

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF COD LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	OTTER TRAWLS		POUND NETS		FLOATING TRAPS		POTS AND TRAPS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	1,061	66	-	-	-	-	-	-
MASSACHUSETTS	28,744	2,487	4	(1)	1	(1)	-	-
RHODE ISLAND	664	52	-	-	37	4	-	-
CONNECTICUT	167	14	-	-	-	-	-	-
TOTAL	30,636	2,619	4	(1)	38	4	-	-
MIDDLE ATLANTIC:								
NEW YORK	137	20	-	-	-	-	-	-
NEW JERSEY	10	2	(1)	(1)	-	-	(1)	(1)
TOTAL	147	22	(1)	(1)	-	-	(1)	(1)
CHESAPEAKE:								
MARYLAND	3	(1)	-	-	-	-	-	-
VIRGINIA	1	(1)	-	-	-	-	-	-
TOTAL	4	(1)	-	-	-	-	-	-
PACIFIC:								
WASHINGTON	9,346	486	-	-	-	-	-	-
OREGON	636	32	-	-	-	-	-	-
TOTAL	9,982	518	-	-	-	-	-	-
GRAND TOTAL	40,769	3,159	4	(1)	38	4	(1)	(1)

AREA AND STATE	GILL NETS		LINES			
			HAND		TROLL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	1,179	87	242	8	-	-
NEW HAMPSHIRE	-	-	48	4	-	-
MASSACHUSETTS	823	66	1,735	134	-	-
RHODE ISLAND	-	-	27	2	-	-
CONNECTICUT	-	-	3	(1)	-	-
TOTAL	2,002	153	2,055	148	-	-
MIDDLE ATLANTIC, NEW YORK	-	-	43	6	-	-
PACIFIC, WASHINGTON	(1)	(1)	-	-	1	(1)
GRAND TOTAL	2,002	153	2,098	154	1	(1)

AREA AND STATE	LINES - CONTINUED		DREDGES		TOTAL	
	LONG OR SET WITH HOOKS					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	320	15	-	-	2,802	176
NEW HAMPSHIRE	25	2	-	-	73	6
MASSACHUSETTS	2,210	212	(1)	(1)	33,517	2,899
RHODE ISLAND	-	-	-	-	728	58
CONNECTICUT	-	-	-	-	170	14
TOTAL	2,555	229	(1)	(1)	37,290	3,153
MIDDLE ATLANTIC:						
NEW YORK	67	10	-	-	247	36
NEW JERSEY	6	1	-	-	16	3
DELAWARE	15	3	-	-	15	3
TOTAL	88	14	-	-	278	42
CHESAPEAKE:						
MARYLAND	-	-	-	-	3	(1)
VIRGINIA	4	1	-	-	5	1
TOTAL	4	1	-	-	8	1
PACIFIC:						
WASHINGTON	-	-	-	-	9,347	486
OREGON	-	-	-	-	636	32
TOTAL	-	-	-	-	9,983	518
GRAND TOTAL	2,647	244	(1)	(1)	47,559	3,714

1/ LESS THAN 500 POUNDS OR $500.

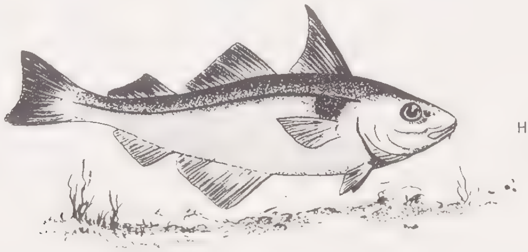
REVIEW OF CERTAIN MAJOR FISHERIES

ATLANTIC COAST HADDOCK FISHERY, 1966

Landings of haddock were 132.3 million pounds worth a record $13.9 million--a decline of 1.6 million pounds but a gain of more than $300,000 compared with the previous year. The value increased despite substantial gains in landings of low-priced scrod haddock. The exvessel average price increased from 10.2 cents per pound in 1965 to 10.5 cents per pound in 1966.

Haddock landings of 130.2 million pounds at Massachusetts ports (comprising 98 percent of the total catch) were 1.7 million pounds less than in the previous year. The catch by otter trawls accounted for 97 percent of the landings. The remaining 3 percent was taken by gill nets, lines, and dredges.

About 96 percent of the catch was taken from waters off New England--mainly on Georges South Channel. Waters off Nova Scotia yielded nearly all the remaining 4 percent.



SUMMARY OF HADDOCK LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	OTTER TRAWLS		GILL NETS		LINES	
					HAND	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	1,548	148	33	4	6	1
MASSACHUSETTS	126,704	13,238	145	17	236	32
RHODE ISLAND	252	24	-	-	-	-
CONNECTICUT	2	(1)	-	-	-	-
TOTAL	128,506	13,410	178	21	242	33
MIDDLE ATLANTIC:						
NEW YORK	22	3	-	-	-	-
NEW JERSEY	2	(1)	-	-	-	-
TOTAL	24	3	-	-	-	-
GRAND TOTAL	128,530	13,413	178	21	242	33

AREA AND STATE	LINES - CONTINUED		DREDGES		TOTAL	
	LONG OR SET WITH HOOKS					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	186	21	-	-	1,773	174
NEW HAMPSHIRE	55	7	-	-	55	7
MASSACHUSETTS	3,096	448	1	(1)	130,182	13,735
RHODE ISLAND	-	-	-	-	252	24
CONNECTICUT	-	-	-	-	2	(1)
TOTAL	3,337	476	1	(1)	132,264	13,940
MIDDLE ATLANTIC:						
NEW YORK	-	-	-	-	22	3
NEW JERSEY	-	-	-	-	2	(1)
TOTAL	-	-	-	-	24	3
GRAND TOTAL	3,337	476	1	(1)	132,288	13,943

1/ LESS THAN $500.

PACIFIC COAST HALIBUT FISHERY, 1966

Halibut landings by the combined U.S. and Canadian fleets were 62.3 million pounds (landed weight)--1.1 million pounds less than 1965. U.S. fishermen landed 30.3 million pounds (49 percent of the total) and received $9.7 million for their catch--$500,000 more than in 1965. The United States fleet operating out of Pacific coast ports numbered 291 vessels, 82 more than in the previous year. Canadian fishermen landed 32.0 million pounds, a decline of 1.0 million compared with 1965.

New regulatory halibut areas were established by the International Pacific Halibut Commission in 1966. Areas 1, 2, and 3A remained the same, but Area 3B was subdivided into 8 smaller Areas to provide more precise measurement of fishing pressure. The Commission also set the various opening dates ranging from March 25 in the northern areas through May 9 in areas 1 to 3A, and set the catch limits in the controlled areas at 59.5 million pounds. The quotas by areas were set as follows: Area 2, a quota of 23.0 million pounds; Area 3A, 33.0 million; and Area 3B South, 3.5 million. No quotas were set in the other areas.

Data on the landings of halibut in the following tables represent the dressed weight of the fish, i.e., the weight by which the quota is determined. The dressed weight of halibut can be converted to round weight by multiplying by 1.33. Halibut landed in Canada by vessels of U.S. registry are credited to Alaska.

* * *

SUMMARY OF U. S. HALIBUT FLEET OPERATING UNITS, 1966

ITEM	WASHINGTON AND OREGON FLEET	ALASKA FLEET	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
REGULAR HALIBUT VESSELS:			
NUMBER	66	271	291
GROSS TONNAGE	3,022	8,147	8,773
CREW	357	1,057	1,154
SKATES OF LINES	2,684	7,867	8,412
REGULAR HALIBUT BOATS:			
NUMBER	-	35	35
CREW	-	59	59
SKATES OF LINES	-	210	210
BOATS PRIMARILY IN OTHER FISHERIES BUT LANDING SMALL FARES OF HALIBUT 1/:			
NUMBER	-	60	60
CREW	-	89	89
SKATES OF LINES	-	300	300

1/ DOES NOT INCLUDE TROLLERS OR OTHER BOATS LANDING HALIBUT INCIDENTAL TO OTHER FISHING OPERATIONS.

NOTE:--UNITED STATES VESSELS LANDING HALIBUT AT PRINCE RUPERT, BRITISH COLUMBIA, HAVE BEEN INCLUDED WITH THOSE LANDING IN ALASKA.

LANDINGS BY U.S. HALIBUT FLEET, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LANDED IN						TOTAL	
	WASHINGTON AND OREGON		BRITISH COLUMBIA		ALASKA			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HALIBUT	5,241	1,892	595	195	24,483	7,620	30,319	9,707
SABLEFISH	637	133	-	-	1,528	260	2,165	393
LINGCOD	10	1	-	-	19	2	29	3
ROCKFISH	35	2	-	-	9	1	44	3
TOTAL	5,923	2,028	595	195	26,039	7,883	32,557	10,106

NOTE:--IN ADDITION THERE WERE APPROXIMATELY 40,000 POUNDS OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS." LANDINGS OF HALIBUT LIVERS AND VISCERA DURING 1966 WERE 13,811 POUNDS VALUED AT $1,767. THE QUANTITIES SHOWN ABOVE REPRESENT DRESSED WEIGHT OF FISH. TO CONVERT TO ROUND WEIGHT, MULTIPLY THE WEIGHT OF HALIBUT BY 1.33 AND OTHER SPECIES BY 1.43.

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF UNITED STATES AND CANADIAN HALIBUT LANDINGS, 1966

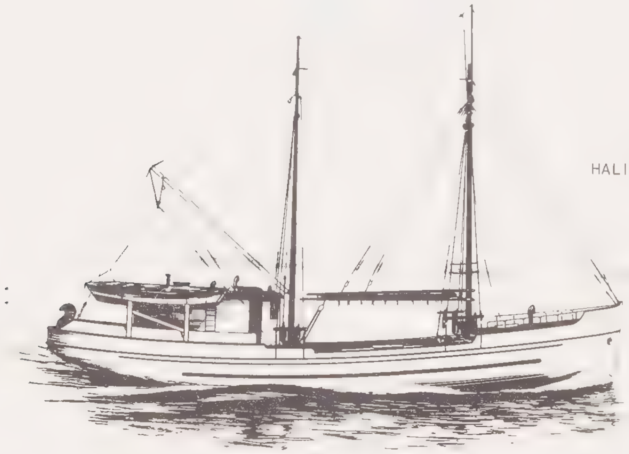
(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

FLEET CLASSIFICATION	LANDED IN						TOTAL	
	WASHINGTON AND OREGON		BRITISH COLUMBIA		ALASKA			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
UNITED STATES FLEET 1/. .	5,241	1,892	595	195	24,483	7,620	30,319	9,707
BRITISH COLUMBIA FLEET. .	3,037	1,103	24,482	2/8,807	4,453	1,372	31,972	11,282
TOTAL	8,278	2,995	25,077	9,002	28,936	8,992	62,291	20,989

1/ IN ADDITION THERE WERE APPROXIMATELY 40,000 POUNDS OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA. MOST OF THIS CATCH WAS INCLUDED UNDER "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS".

2/ CANADIAN FUNDS.

NOTE:--HALIBUT STATISTICS IN THESE TABLES WERE COMPILED FROM DATA COLLECTED BY THE INTERNATIONAL PACIFIC HALIBUT COMMISSION. STATISTICS FOR OTHER SPECIES WERE FURNISHED BY THE STATES.



HALIBUT SCHOONER

ATLANTIC OCEAN PERCH FISHERY, 1966

Landings of Atlantic ocean perch were 81.6 million pounds worth $3.4 million--a decline of 2.0 million pounds compared with 1965. The value remained about the same because the exvessel average price increased only slightly from 4.1 cents per pound in 1965 to 4.2 cents in 1966. Landings, the lowest since 1940, were only 32 percent of the record 258.3 million pounds taken in 1951.

Maine landings of 65.1 million pounds valued at $2.7 million were 80 percent of the volume and 78 percent of the value. Massachusetts accounted for 16.5 million pounds worth $746,000; and a negligible amount was taken in Rhode Island. Otter trawls accounted for most of the catch. Less than 1,000 pounds were taken by handlines and longlines.

Of the total landings, 36.7 million pounds (45 percent) were taken off the Nova Scotia Banks. The Gulf of St. Lawrence contributed 28.2 million pounds (35 percent); waters off the New England coast, 15.9 million pounds (19 percent); and the Grand Bank, 800,000 pounds (1 percent).

PACIFIC COAST SALMON FISHERY, 1966

The commercial landings of salmon in the Pacific Coast States were 387.5 million pounds worth a record $73.5 million--an increase of 60.7 million pounds (19 percent) and $8.3 million (13 percent) compared with the previous year. Most of the gain occurred in Alaska where landings of 333.3 million pounds worth $54.2 million were 58.5 million pounds and $5.9 million more than in 1965. Alaska accounted for 86 percent of the volume and 74 percent of the value of the Pacific Coast States salmon production. Landings also increased in Washington and Oregon but declined slightly in California compared with a year earlier.

Despite the increased volume and value of salmon landings, the average exvessel price for all species combined declined from 20 cents per pound in 1965 to 19 cents per pound in 1966. This lower average price per pound resulted principally from a 7 percent and 31 percent decline, respectively, in landings of high-priced chinook and red salmon; and from a gain of 81 and 105 percent, respectively, in landings of low-priced chum and pink salmon. However, the average exvessel price per pound received by fishermen in 1966 for individual species showed increases ranging from less than 1 cent per pound for red salmon to nearly 3-1/2 cents per pound for chinook salmon.

Purse seines, the most important gear, accounted for 201.3 million pounds (53 percent); gill nets, 149.0 million (38 percent); and lines, 33.3 million pounds (9 percent). The remainder was taken by floating traps, reef nets, haul seines, dip nets, pound nets, wheels, and otter trawls.

SUMMARY OF PACIFIC COAST SALMON PURSE SEINE OPERATING UNITS, 1966

ITEM	ALASKA 1/	WASHINGTON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	4,089	1,547	4,937
ON BOATS AND SHORE	1,625	-	1,625
TOTAL	5,714	1,547	6,562
VESSELS, MOTOR:			
5 - 9 TONS	78	1	79
10 - 19 TONS	293	15	305
20 - 29 TONS	138	44	157
30 - 39 TONS	113	64	136
40 - 49 TONS	105	74	137
50 - 59 TONS	28	23	40
60 - 69 TONS	3	4	6
70 - 79 TONS	1	-	1
80 - 89 TONS	1	-	1
90 - 99 TONS	1	-	1
100 - 109 TONS	1	-	1
290 - 299 TONS	1	-	1
TOTAL VESSELS	763	225	865
TOTAL GROSS TONNAGE	18,926	8,367	22,651
BOATS, MOTOR	1,957	225	2,059
GEAR:			
NUMBER	1,360	225	1,462
LENGTH, YARDS	551,100	120,735	610,635

1/ INCLUDES SOME HAUL SEINES.

NOTE:--PURSE SEINE OPERATING UNITS WERE CONFINED TO ALASKA AND WASHINGTON.

SUMMARY OF PACIFIC COAST SALMON GILL NET OPERATING UNITS, 1966

ITEM	ANCHOR, SET OR STAKE			
	ALASKA	WASHINGTON	OREGON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	56	-	-	56
ON BOATS AND SHORE.	2,963	335	85	3,383
TOTAL	3,019	335	85	3,439
VESSELS, MOTOR:				
5 - 9 TONS.	8	-	-	8
10 - 19 TONS.	15	-	-	15
20 - 29 TONS.	3	-	-	3
40 - 49 TONS.	1	-	-	1
50 - 59 TONS.	1	-	-	1
TOTAL VESSELS	28	-	-	28
TOTAL GROSS TONNAGE . . .	432	-	-	432
BOATS:				
MOTOR	2,502	273	75	2,850
OTHER	-	48	10	58
GEAR:				
NUMBER.	2,587	323	85	2,995
SQUARE YARDS.	1,770,000	79,125	30,000	1,879,125

ITEM	DRIFT			
	ALASKA	WASHINGTON	OREGON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	1,192	276	-	1,364
ON BOATS AND SHORE.	5,441	1,056	460	6,937
TOTAL	6,633	1,332	460	8,301
VESSELS, MOTOR:				
5 - 9 TONS.	310	101	-	396
10 - 19 TONS.	252	117	-	333
20 - 29 TONS.	26	4	-	24
30 - 39 TONS.	5	1	-	6
50 - 59 TONS.	2	-	-	2
70 - 79 TONS.	1	-	-	1
TOTAL VESSELS	596	223	-	767
TOTAL GROSS TONNAGE . . .	6,470	2,339	-	8,247
BOATS:				
MOTOR	3,576	960	421	4,937
OTHER	-	14	-	14
GEAR:				
NUMBER.	4,172	1,197	421	5,718
SQUARE YARDS.	4,455,000	5,981,500	1,285,000	11,532,000

SUMMARY OF PACIFIC COAST SALMON TROLL LINE OPERATING UNITS, 1966

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	1,228	891	899	2,424	4,510
ON BOATS AND SHORE.	1,171	1,114	559	2,198	5,002
TOTAL	2,399	2,005	1,458	4,622	9,512
VESSELS, MOTOR:					
5 - 9 TONS.	174	165	95	140	504
10 - 19 TONS.	310	327	273	550	1,193
20 - 29 TONS.	84	89	92	191	340
30 - 39 TONS.	24	29	32	85	126
40 - 49 TONS.	17	8	5	37	57
50 - 59 TONS.	2	1	4	14	19
60 - 69 TONS.	-	-	-	4	4
70 - 79 TONS.	1	-	-	5	6
80 - 89 TONS.	2	-	1	1	3
100 - 109 TONS.	-	-	1	2	3
130 - 139 TONS.	-	-	-	1	1
140 - 149 TONS.	-	-	1	1	1
TOTAL VESSELS	614	619	504	1,031	2,257
TOTAL GROSS TONNAGE . . .	9,410	9,304	8,518	19,598	37,530
BOATS, MOTOR.	750	928	494	1,099	3,241
GEAR:					
NUMBER.	5,456	6,884	4,848	12,780	26,986
HOOKS	33,120	30,428	22,324	51,120	123,544

SALMON LANDINGS BY DISTRICT AND CATCH BY GEAR, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	ALASKA			
	SOUTHEASTERN		CENTRAL	
	QUANTITY	VALUE	QUANTITY	VALUE
PURSE SEINES:				
CHINOOK OR KING	181	40	25	7
CHUM OR KETA.	24,477	3,016	14,030	1,326
PINK.	83,237	12,423	54,370	6,544
RED OR SOCKEYE.	3,268	1,013	6,285	1,392
SILVER OR COHO.	3,978	833	919	135
TOTAL	115,141	17,325	75,629	9,404
FLOATING TRAPS:				
CHUM OR KETA.	61	10	-	-
PINK.	2,534	405	-	-
RED OR SOCKEYE.	305	112	-	-
SILVER OR COHO.	141	33	-	-
TOTAL	3,041	560	-	-
GILL NETS, ANCHOR, SET OR STAKE:				
CHINOOK OR KING	25	7	214	57
CHUM OR KETA.	135	18	1,459	136
PINK.	13	2	8,329	990
RED OR SOCKEYE.	1,313	420	5,793	1,447
SILVER OR COHO.	602	133	1,387	224
TOTAL	2,088	580	17,182	2,854
GILL NETS, DRIFT:				
CHINOOK OR KING	191	56	305	71
CHUM OR KETA.	3,431	485	4,004	358
PINK.	3,863	574	2,200	262
RED OR SOCKEYE.	2,278	734	15,219	3,870
SILVER OR COHO.	1,427	343	2,066	337
TOTAL	11,190	2,192	23,794	4,898

(CONTINUED ON NEXT PAGE)

SALMON LANDINGS BY DISTRICT AND CATCH BY GEAR, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	ALASKA - CONTINUED			
	SOUTHEASTERN		CENTRAL	
	QUANTITY	VALUE	QUANTITY	VALUE
LINES, TROLL:				
CHINOOK OR KING	4,288	1,926	11	3
CHUM OR KETA	45	7	(1)	(1)
PINK	280	42	1	(1)
RED OR SOCKEYE	4	1	-	-
SILVER OR COHO	4,652	1,574	28	4
TOTAL	9,269	3,550	40	7
GRAND TOTAL	140,729	24,207	116,645	17,163

GEAR AND SPECIES	ALASKA - CONTINUED			
	WESTERN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
PURSE SEINES:				
CHINOOK OR KING	41	16	247	63
CHUM OR KETA	435	34	38,942	4,376
PINK	278	26	137,885	18,993
RED OR SOCKEYE	59	11	9,612	2,416
SILVER OR COHO	44	4	4,941	972
TOTAL	857	91	191,627	26,820
FLOATING TRAPS:				
CHUM OR KETA	-	-	61	10
PINK	-	-	2,534	405
RED OR SOCKEYE	-	-	305	112
SILVER OR COHO	-	-	141	33
TOTAL	-	-	3,041	560
GILL NETS, ANCHOR, SET OR STAKE:				
CHINOOK OR KING	1,434	290	1,673	354
CHUM OR KETA	1,831	143	3,425	297
PINK	866	91	9,208	1,083
RED OR SOCKEYE	6,550	1,207	13,656	3,074
SILVER OR COHO	420	37	2,409	394
TOTAL	11,101	1,768	30,371	5,202
GILL NETS, DRIFT:				
CHINOOK OR KING	2,593	468	3,089	595
CHUM OR KETA	2,321	185	9,756	1,028
PINK	6,895	734	12,958	1,570
RED OR SOCKEYE	51,693	9,530	69,190	14,134
SILVER OR COHO	449	48	3,942	728
TOTAL	63,951	10,965	98,935	18,055
LINES, TROLL:				
CHINOOK OR KING	-	-	4,299	1,929
CHUM OR KETA	-	-	45	7
PINK	-	-	281	42
RED OR SOCKEYE	-	-	4	1
SILVER OR COHO	-	-	4,680	1,578
TOTAL	-	-	9,309	3,557
WHEELS, CHINOOK OR KING	42	8	42	8
GRAND TOTAL	75,951	12,832	333,325	54,202

GEAR AND SPECIES	WASHINGTON			
	PUGET SOUND		WASHINGTON COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES:				
CHINOOK OR KING	54	[illegible]	-	-
CHUM OR KETA	24	[illegible]	-	-
SILVER OR COHO	51	[illegible]	-	-
TOTAL	129	42	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON LANDINGS BY DISTRICT AND CATCH BY GEAR, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	WASHINGTON - CONTINUED			
	PUGET SOUND		WASHINGTON COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
PURSE SEINES:				
CHINOOK OR KING	712	246	-	-
CHUM OR KETA	2,049	488	-	-
PINK	2	(1)	-	-
RED OR SOCKEYE	5,327	1,763	-	-
SILVER OR COHO	1,626	491	-	-
TOTAL	9,716	2,988	-	-
POUND NETS:				
CHINOOK OR KING	47	20	-	-
CHUM OR KETA	9	2	-	-
RED OR SOCKEYE	(1)	(1)	-	-
SILVER OR COHO	46	14	-	-
TOTAL	102	36	-	-
GILL NETS:				
CHINOOK OR KING	1,202	454	871	269
CHUM OR KETA	1,922	422	258	36
PINK	2	(1)	-	-
RED OR SOCKEYE	3,293	1,182	213	112
SILVER OR COHO	3,058	947	826	236
TOTAL	9,477	3,005	2,168	653
LINES:				
CHINOOK OR KING	708	346	965	446
CHUM OR KETA	1	(1)	1	(1)
PINK	60	14	82	15
RED OR SOCKEYE	3	1	(1)	(1)
SILVER OR COHO	1,297	444	3,553	1,142
TOTAL	2,069	805	4,601	1,603
REEF NETS:				
CHINOOK OR KING	20	7		
CHUM OR KETA	2	1	-	-
RED OR SOCKEYE	390	129	-	-
SILVER OR COHO	77	22	-	-
TOTAL	489	159	-	-
GRAND TOTAL	21,982	7,035	6,769	2,256

GEAR AND SPECIES	WASHINGTON - CONTINUED			
	COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES:				
CHINOOK OR KING	-	-	54	21
CHUM OR KETA	-	-	24	5
SILVER OR COHO	-	-	51	16
TOTAL	-	-	129	42
PURSE SEINES:				
CHINOOK OR KING	-	-	712	246
CHUM OR KETA	-	-	2,049	488
PINK	-	-	2	(1)
RED OR SOCKEYE	-	-	5,327	1,763
SILVER OR COHO	-	-	1,626	491
TOTAL	-	-	9,716	2,988
POUND NETS:				
CHINOOK OR KING	-	-	47	20
CHUM OR KETA	-	-	9	2
RED OR SOCKEYE	-	-	(1)	(1)
SILVER OR COHO	-	-	46	14
TOTAL	-	-	102	36
GILL NETS:				
CHINOOK OR KING	891	297	2,964	1,020
CHUM OR KETA	4	1	2,184	459
PINK	-	-	2	(1)
RED OR SOCKEYE	12	4	3,518	1,298
SILVER OR COHO	878	226	4,762	1,409
TOTAL	1,785	528	13,430	4,186

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON LANDINGS BY DISTRICT AND CATCH BY GEAR, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	WASHINGTON - CONTINUED			
	COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
LINES:				
CHINOOK OR KING	362	157	2,035	949
CHUM OR KETA	-	-	2	(1)
PINK	-	-	142	29
RED OR SOCKEYE	-	-	3	1
SILVER OR COHO	1,391	449	6,241	2,035
TOTAL	1,753	606	8,423	3,014
DIP NETS:				
CHINOOK OR KING	75	15	75	15
SILVER OR COHO	3	1	3	1
TOTAL	78	16	78	16
REEF NETS:				
CHINOOK OR KING	-	-	20	7
CHUM OR KETA	-	-	2	1
RED OR SOCKEYE	-	-	390	129
SILVER OR COHO	-	-	77	22
TOTAL	-	-	489	159
GRAND TOTAL	3,616	1,150	32,367	10,441

GEAR AND SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
GILL NETS:						
CHINOOK OR KING	2,723	923	-	-	2,723	923
CHUM OR KETA	7	1	-	-	7	1
RED OR SOCKEYE	7	2	-	-	7	2
SILVER OR COHO	3,522	922	-	-	3,522	922
TOTAL	6,259	1,848	-	-	6,259	1,848
LINES:						
CHINOOK OR KING	181	78	736	339	917	417
PINK	-	-	4	1	4	1
SILVER OR COHO	993	332	4,168	1,371	5,161	1,703
TOTAL	1,174	410	4,908	1,711	6,082	2,121
DIP NETS:						
CHINOOK OR KING	22	5	-	-	22	5
SILVER OR COHO	10	2	-	-	10	2
TOTAL	32	7	-	-	32	7
GRAND TOTAL	7,465	2,265	4,908	1,711	12,373	3,976

GEAR AND SPECIES	CALIFORNIA					
	NORTHERN		SAN FRANCISCO		MONTEREY	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS, CHINOOK OR KING	5	2	-	-	-	-
LINES:						
CHINOOK OR KING	6,092	3,102	1,968	1,168	166	101
SILVER OR COHO	839	303	271	111	23	10
TOTAL	6,931	3,405	2,239	1,279	189	111
GRAND TOTAL	6,936	3,407	2,239	1,279	189	111

GEAR AND SPECIES	CALIFORNIA - CONTINUED							
	SANTA BARBARA		SAN PEDRO		SAN DIEGO		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS, CHINOOK OR KING	-	-	-	-	-	-	5	2

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON LANDINGS BY DISTRICT AND CATCH BY GEAR, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	CALIFORNIA - CONTINUED							
	SANTA BARBARA		SAN PEDRO		SAN DIEGO		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
LINES:								
CHINOOK OR KING	73	45	-	-	(1)	(1)	8,299	4,416
SILVER OR COHO.	10	4	(1)	(1)	-	-	1,143	428
TOTAL	83	49	(1)	(1)	(1)	(1)	9,442	4,844
GRAND TOTAL	83	49	(1)	(1)	(1)	(1)	9,447	4,846

1/ LESS THAN 500 POUNDS OR $500.

NOTE:--IN ALASKA, LANDINGS TAKEN BY HAUL SEINES ARE INCLUDED WITH THOSE TAKEN BY PURSE SEINES.

SUMMARY OF SALMON LANDINGS BY DISTRICTS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA			
	SOUTHEASTERN		CENTRAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	4,684	2,029	556	138
CHUM OR KETA.	28,149	3,535	19,494	1,821
PINK.	89,928	13,446	64,899	7,796
RED OR SOCKEYE.	7,168	2,281	27,297	6,708
SILVER OR COHO.	10,800	2,916	4,399	700
TOTAL	140,729	24,207	116,645	17,163

SPECIES	ALASKA - CONTINUED			
	WESTERN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	4,110	782	9,350	2,949
CHUM OR KETA.	4,586	362	52,229	5,718
PINK.	8,039	851	162,866	22,093
RED OR SOCKEYE.	58,302	10,748	92,767	19,737
SILVER OR COHO.	914	89	16,113	3,705
TOTAL	75,951	12,832	333,325	54,202

SPECIES	WASHINGTON			
	PUGET SOUND		WASHINGTON COAST	
	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	2,743	1,094	1,836	715
CHUM OR KETA.	4,007	918	259	36
PINK.	64	15	82	15
RED OR SOCKEYE.	9,013	3,075	213	112
SILVER OR COHO.	6,155	1,933	4,379	1,378
TOTAL	21,982	7,035	6,769	2,256

SPECIES	WASHINGTON - CONTINUED			
	COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	1,328	469	5,907	2,278
CHUM OR KETA.	4	1	4,270	955
PINK.	-	-	146	30
RED OR SOCKEYE.	12	4	9,238	3,191
SILVER OR COHO.	2,272	676	12,806	3,987
TOTAL	3,616	1,150	32,367	10,441

(CONTINUED ON NEXT PAGE)

SUMMARY OF SALMON LANDINGS BY DISTRICTS, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	2,926	1,005	736	339	3,662	1,344
CHUM OR KETA.	7	1	-	-	7	1
PINK.	-	-	4	1	4	1
RED OR SOCKEYE.	7	2	-	-	7	2
SILVER OR COHO.	4,525	1,257	4,168	1,371	8,693	2,628
TOTAL	7,465	2,265	4,908	1,711	12,373	3,976

SPECIES	CALIFORNIA					
	NORTHERN		SAN FRANCISCO		MONTEREY	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	6,097	3,104	1,968	1,168	166	101
SILVER OR COHO.	839	303	271	111	23	10
TOTAL	6,936	3,407	2,239	1,279	189	111

SPECIES	CALIFORNIA - CONTINUED							
	SANTA BARBARA		SAN PEDRO		SAN DIEGO		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING	73	45	-	-	(1)	(1)	8,304	4,418
SILVER OR COHO.	10	4	(1)	(1)	-	-	1,143	428
TOTAL	83	49	(1)	(1)	(1)	(1)	9,447	4,846

1/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF SALMON LANDINGS OF CATCH BY GEAR, 1966

(THOUSANDS OF POUNDS)

STATE AND DISTRICT	HAUL SEINES	PURSE SEINES	OTTER TRAWLS	POUND NETS	FLOATING TRAPS
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALASKA:					
SOUTHEASTERN.	-	115,141	-	-	3,041
CENTRAL	-	75,629	-	-	-
WESTERN	-	857	-	-	-
TOTAL	-	191,627	-	-	3,041
WASHINGTON, PUGET SOUND	129	9,716	-	102	-
CALIFORNIA, NORTHERN.	-	-	5	-	-
GRAND TOTAL	129	201,343	5	102	3,041

STATE AND DISTRICT	GILL NETS	LINES	DIP NETS
	QUANTITY	QUANTITY	QUANTITY
ALASKA:			
SOUTHEASTERN.	13,278	9,269	-
CENTRAL	40,976	40	-
WESTERN	75,052	-	-
TOTAL	129,306	9,309	-
WASHINGTON:			
PUGET SOUND	9,477	2,069	-
WASHINGTON COAST.	2,168	4,601	-
COLUMBIA RIVER.	1,785	1,753	78
TOTAL	13,430	8,423	78

(CONTINUED ON NEXT PAGE)

SUMMARY OF SALMON LANDINGS OF CATCH BY GEAR, 1966 - Continued

(THOUSANDS OF POUNDS)

STATE AND DISTRICT	GILL NETS	LINES	DIP NETS
	QUANTITY	QUANTITY	QUANTITY
OREGON:			
COLUMBIA RIVER	6,259	1,174	32
OREGON COAST	-	4,908	-
TOTAL	6,259	6,082	32
CALIFORNIA:			
NORTHERN	-	6,931	-
SAN FRANCISCO	-	2,239	-
MONTEREY	-	189	-
SANTA BARBARA	-	83	-
SAN PEDRO	-	(1)	-
SAN DIEGO	-	(1)	-
TOTAL	-	9,442	-
GRAND TOTAL	146,995	33,256	110

STATE AND DISTRICT	REEF NETS	WHEELS	TOTAL
	QUANTITY	QUANTITY	QUANTITY
ALASKA:			
SOUTHEASTERN	-	-	140,729
CENTRAL	-	-	116,645
WESTERN	-	42	75,951
TOTAL	-	42	333,325
WASHINGTON:			
PUGET SOUND	489	-	21,982
WASHINGTON COAST	-	-	6,769
COLUMBIA RIVER	-	-	3,616
TOTAL	489	-	32,367
OREGON:			
COLUMBIA RIVER	-	-	7,465
OREGON COAST	-	-	4,908
TOTAL	-	-	12,373
CALIFORNIA:			
NORTHERN	-	-	6,936
SAN FRANCISCO	-	-	2,239
MONTEREY	-	-	189
SANTA BARBARA	-	-	83
SAN PEDRO	-	-	(1)
SAN DIEGO	-	-	(1)
TOTAL	-	-	9,447
GRAND TOTAL	489	42	387,512

1/ LESS THAN 500 POUNDS.

SUMMARY OF SALMON LANDINGS BY SPECIES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	QUANTITY	VALUE
CHINOOK OR KING	27,223	10,989
CHUM OR KETA	56,506	6,674
PINK	163,016	22,124
RED OR SOCKEYE	102,012	22,930
SILVER OR COHO	38,755	10,748
TOTAL	387,512	73,465

MACKEREL FISHERIES OF THE PACIFIC COAST, 1966

Landings of jack mackerel, 41.1 million pounds, and Pacific mackerel, 4.6 million, declined 25.7 million pounds (38 percent) and 2.4 million (34 percent), respectively, compared with 1965. The combined mackerel landings of 45.7 million pounds worth $1.7 million were 38 percent less in volume and 19 percent less in value than in the previous year. Landings of jack mackerel were the lowest since 1959 and Pacific mackerel, since 1926. Purse seines and lampara nets are the principal gears used in the mackerel fishery.

SUMMARY OF JACK MACKEREL LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE AND DISTRICT	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		LINES		DIP, BRAIL OR SCOOP NETS 1/		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:										
NORTHERN	-	-	(2)	(2)	1	(2)	-	-	1	(2)
SAN FRANCISCO	(2)	(2)	-	-	-	-	-	-	(2)	(2)
MONTEREY	1,235	46	(2)	(2)	-	-	-	-	1,235	46
SANTA BARBARA	6,791	221	-	-	-	-	-	-	6,791	221
SAN PEDRO	32,857	1,157	-	-	(2)	(2)	-	-	32,857	1,157
SAN DIEGO	15	1	-	-	-	-	-	-	15	1
TOTAL	40,898	1,425	(2)	(2)	1	(2)	-	-	40,899	1,425
HAWAII	-	-	-	-	111	47	109	40	220	87
GRAND TOTAL	40,898	1,425	(2)	(2)	112	47	109	40	41,119	1,512

1/ INCLUDES THE LANDINGS BY BAG, LIFT, CAST, AND UNCLASSIFIED NETS IN HAWAII.

2/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF PACIFIC MACKEREL LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

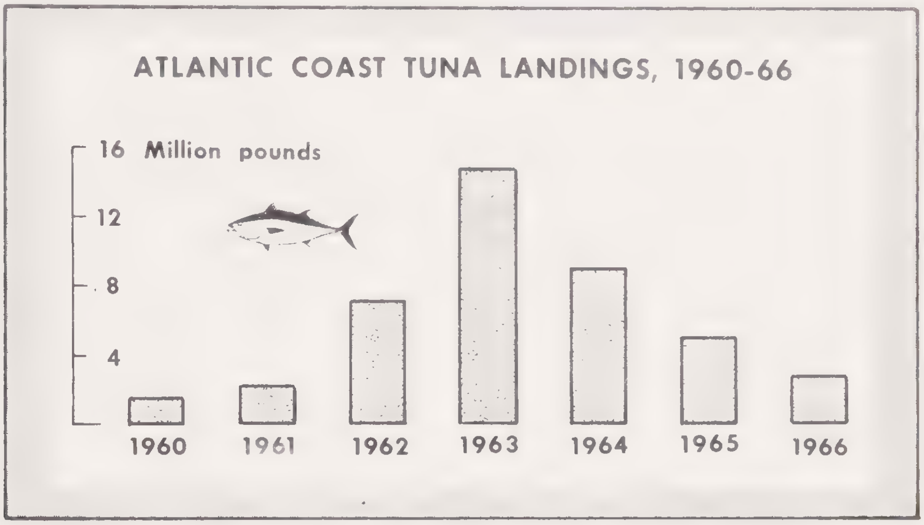
STATE AND DISTRICT	PURSE SEINES AND LAMPARA NETS		GILL AND TRAMMEL NETS		LINES		DIP, BRAIL OR SCOOP NETS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:										
SANTA BARBARA	546	20	-	-	-	-	-	-	546	20
SAN PEDRO	3,811	157	(1)	(1)	(1)	(1)	222	9	4,033	166
SAN DIEGO	48	3	(1)	(1)	3	(1)	-	-	51	3
TOTAL	4,405	180	(1)	(1)	3	(1)	222	9	4,630	189

1/ LESS THAN 500 POUNDS OR $500.

ATLANTIC COAST TUNA FISHERY, 1966

Tuna landings along the Atlantic coast were 2.6 million pounds worth $278,000--2.4 million pounds and $97,000 less than in 1965. Bluefin tuna landings of 2.5 million pounds accounted for 95 percent of the total production.

There were 62 fishermen operating 6 purse seine vessels, 6 motor boats, and 4 other boats landing tuna at New England and Middle Atlantic States ports. In the Chesapeake and South Atlantic States, tuna were taken with handlines. Purse seines took 79 percent of the catch; pound nets, 11 percent; and lines, 4 percent. The remainder was taken by harpoons, otter trawls, floating traps, and gill nets.



ATLANTIC COAST TUNA LANDINGS, 1960-66

ATLANTIC COAST TUNA PURSE SEINE OPERATING UNITS, 1966

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON VESSELS	62	42	62
VESSELS, MOTOR:			
60 - 69 TONS	1	-	1
70 - 79 TONS	1	-	1
110 - 119 TONS	2	2	2
140 - 149 TONS	1	1	1
150 - 159 TONS	1	1	1
TOTAL VESSELS	6	4	6
TOTAL GROSS TONNAGE	9,674	4,530	9,674
BOATS:			
MOTOR	6	4	6
OTHER	4	-	4
GEAR:			
NUMBER	6	4	6
LENGTH, YARDS	3,900	2,900	3,900

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF ATLANTIC COAST TUNA LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES AND STATE	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BLUEFIN:						
MASSACHUSETTS	-	-	1,491	171	-	-
NEW YORK.	-	-	-	-	1	(1)
NEW JERSEY.	-	-	479	39	-	-
TOTAL BLUEFIN	-	-	1,970	210	1	(1)
LITTLE:						
NEW YORK.	-	-	-	-	15	2
VIRGINIA.	(1)	(1)	-	-	-	-
TOTAL LITTLE.	(1)	(1)	-	-	15	2
SKIPJACK:						
MASSACHUSETTS	-	-	64	7	-	-
NEW JERSEY.	-	-	23	2	-	-
TOTAL SKIPJACK.	-	-	87	9	-	-
GRAND TOTAL	(1)	(1)	2,057	219	16	2

SPECIES AND STATE	POUND NETS		FLOATING TRAPS		GILL NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BLUEFIN:						
MASSACHUSETTS	283	23	-	-	-	-
RHODE ISLAND.	-	-	12	2	-	-
NEW YORK.	(1)	(1)	-	-	-	-
NEW JERSEY.	-	-	-	-	1	(1)
TOTAL BLUEFIN	283	23	12	2	1	(1)
LITTLE:						
NEW YORK.	15	2	-	-	-	-
NEW JERSEY.	-	-	-	-	1	(1)
VIRGINIA.	(1)	(1)	-	-	-	-
TOTAL LITTLE.	15	2	-	-	1	(1)
GRAND TOTAL	298	25	12	2	2	(1)

SPECIES AND STATE	LINES		HARPOONS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BLUEFIN:						
MAINE	18	3	74	11	92	14
NEW HAMPSHIRE	-	-	5	(1)	5	(1)
MASSACHUSETTS	27	4	22	2	1,823	200
RHODE ISLAND.	13	1	-	-	25	3
NEW YORK.	1	(1)	-	-	2	(1)
NEW JERSEY.	41	6	-	-	521	45
NORTH CAROLINA.	14	2	-	-	14	2
TOTAL BLUEFIN	114	16	101	13	2,482	264
LITTLE:						
NEW YORK.	-	-	-	-	30	4
NEW JERSEY.	-	-	-	-	1	(1)
VIRGINIA.	-	-	-	-	(1)	(1)
TOTAL LITTLE.	-	-	-	-	31	4
SKIPJACK:						
MASSACHUSETTS	-	-	-	-	64	7
NEW JERSEY.	-	-	-	-	23	2
TOTAL SKIPJACK.	-	-	-	-	87	9
UNCLASSIFIED, VIRGINIA.	8	1	-	-	8	1
GRAND TOTAL	122	17	101	13	2,608	278

1/ LESS THAN 500 POUNDS OR $500.

PACIFIC TUNA FISHERY, 1966

The domestic catch of tuna landed at Pacific coast and Hawaii ports was 266.5 million pounds valued at $44.6 million--a decrease of 47.4 million pounds (15 percent) but an increase of $3.2 million (8 percent) compared with 1965. The higher exvessel value, despite lower landings, resulted from the upward trend which began in late 1965, and reached a peak in mid-February, 1966, when record prices of $480 and $392 per ton were paid for yellowfin and skipjack tuna in California. The average price per ton increased $33 for bluefin; $54 for skipjack; and $81 for yellowfin compared with the previous year. Skipjack landings declined 40.4 million pounds; yellowfin, 25.9 million pounds; and albacore, 200,000 pounds; but bluefin landings increased 19.1 million pounds (reaching a record 35.9 million pounds) compared with 1965.

There were 5,455 fishermen, 1,495 vessels, and 483 motor boats employed in the Pacific tuna fisheries. Purse seines, the principal gear used in taking bluefin, skipjack, and yellowfin tuna, accounted for 76 percent of the landings. Lines, used chiefly in taking albacore tuna, accounted for the remaining 24 percent.

SUMMARY OF PACIFIC TUNA OPERATING UNITS, 1966

ITEM	PURSE SEINES	LINES, HAND			TOTAL, EXCLUSIVE OF DUPLICATION
		ALBACORE BAIT BOATS	YELLOWFIN 1/	ALBACORE TROLLERS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	1,562	680	444	2,753	5,041
ON BOATS AND SHORE. .	-	32	-	384	414
TOTAL.	1,562	712	444	3,137	5,455
VESSELS, MOTOR:					
5 - 9 TONS. . . .	-	-	-	106	106
10 - 19 TONS. . . .	2	26	1	576	603
20 - 29 TONS. . . .	3	31	5	267	296
30 - 39 TONS. . . .	4	18	8	156	175
40 - 49 TONS. . . .	2	13	6	70	84
50 - 59 TONS. . . .	2	10	8	36	45
60 - 69 TONS. . . .	3	5	5	14	20
70 - 79 TONS. . . .	3	5	4	6	14
80 - 89 TONS. . . .	4	1	1	2	7
90 - 99 TONS. . . .	8	2	2	-	10
100 - 109 TONS. . . .	1	2	3	2	6
110 - 119 TONS. . . .	4	1	1	-	5
120 - 129 TONS. . . .	3	2	1	1	5
130 - 139 TONS. . . .	3	3	2	1	7
140 - 149 TONS. . . .	-	-	-	1	1
150 - 159 TONS. . . .	2	-	-	-	2
160 - 169 TONS. . . .	1	2	2	-	3
180 - 189 TONS. . . .	3	1	1	-	4
190 - 199 TONS. . . .	3	7	7	-	10
210 - 219 TONS. . . .	2	-	-	-	2
230 - 239 TONS. . . .	2	-	-	-	2
250 - 259 TONS. . . .	2	-	-	-	2
260 - 269 TONS. . . .	2	-	-	-	2
270 - 279 TONS. . . .	4	1	1	-	5
280 - 289 TONS. . . .	1	-	-	-	1
290 - 299 TONS. . . .	2	-	-	-	2
300 - 309 TONS. . . .	3	-	-	-	3
310 - 319 TONS. . . .	4	1	1	-	5
320 - 329 TONS. . . .	1	-	-	-	1
330 - 339 TONS. . . .	2	1	1	-	3
340 - 349 TONS. . . .	3	-	-	-	3
350 - 359 TONS. . . .	6	-	-	-	6
360 - 369 TONS. . . .	4	1	1	-	5
370 - 379 TONS. . . .	1	-	-	-	1
380 - 389 TONS. . . .	2	-	-	-	2
390 - 399 TONS. . . .	2	-	-	-	2
400 - 409 TONS. . . .	1	-	-	-	1
410 - 419 TONS. . . .	2	-	-	-	2
420 - 429 TONS. . . .	2	1	1	-	3
430 - 439 TONS. . . .	5	1	1	-	6
440 - 449 TONS. . . .	3	-	-	-	3
460 - 469 TONS. . . .	2	-	-	-	2
470 - 479 TONS. . . .	13	-	-	-	13
480 - 489 TONS. . . .	3	-	-	-	3
490 - 499 TONS. . . .	1	-	-	-	1

SEE FOOTNOTE AT END OF TABLE.

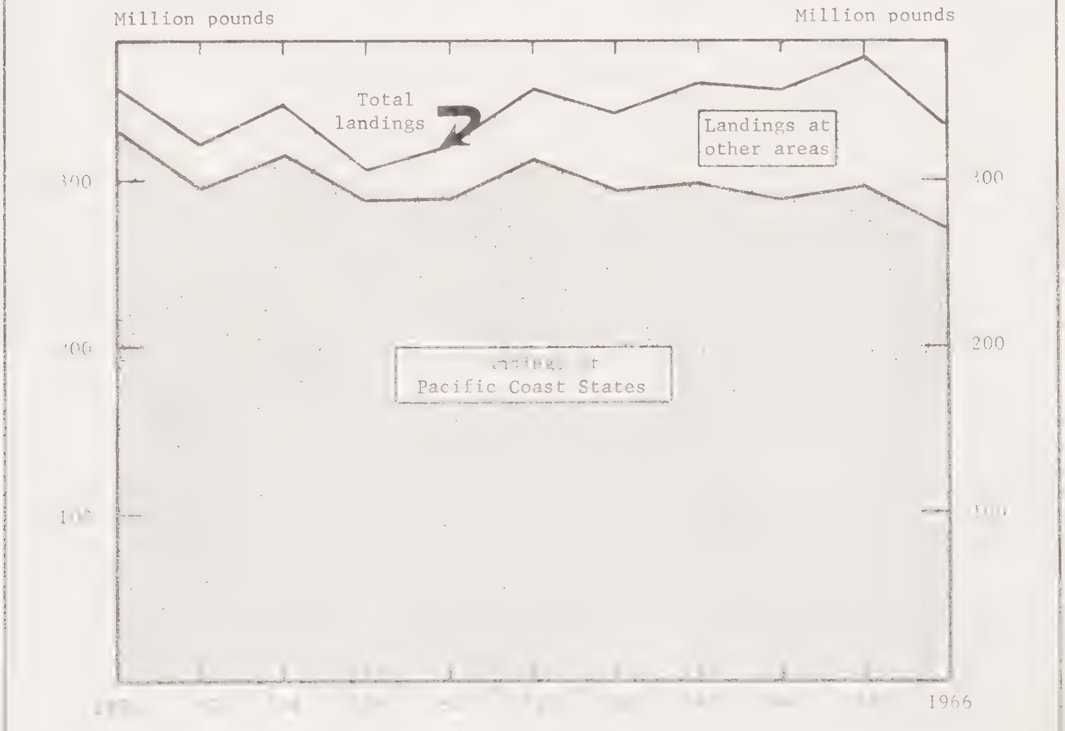
(CONTINUED ON NEXT PAGE)

SUMMARY OF PACIFIC TUNA OPERATING UNITS, 1966 - Continued

ITEM	PURSE SEINES	LINES, HAND			TOTAL, EXCLUSIVE OF DUPLICATION
		ALBACORE BAIT BOATS	YELLOWFIN 1/	ALBACORE TROLLERS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
520 - 529 TONS.	1	-	-	-	1
580 - 589 TONS.	1	-	-	-	1
630 - 639 TONS.	1	-	-	-	1
680 - 689 TONS.	1	-	-	-	1
720 - 729 TONS.	2	-	-	-	2
730 - 739 TONS.	1	-	-	-	1
790 - 799 TONS.	1	-	-	-	1
810 - 819 TONS.	1	-	-	-	1
830 - 839 TONS.	1	-	-	-	1
860 - 869 TONS.	1	-	-	-	1
TOTAL VESSELS	137	135	63	1,238	1,495
TOTAL GROSS TONNAGE .	41,098	8,793	6,871	27,758	77,07
BOATS, MOTOR.	226	57	47	200	483
GEAR:					
LENGTH, YARDS	102,265	-	-	-	-
HOOKS	-	684	417	13,106	-

1/ VESSELS OF 50 TONS OR MORE CAPACITY ARE CONSIDERED CLIPPER CRAFT.

UNITED STATES AND PUERTO RICO TUNA LANDINGS, 1956-66



SUMMARY OF PACIFIC TUNA LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES, STATE, AND DISTRICT	PURSE SEINES		GILL NETS		LINES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALBACORE:								
WASHINGTON:								
PUGET SOUND	-	-	-	-	88	16	88	16
COASTAL	-	-	-	-	261	47	261	47
COLUMBIA RIVER.	-	-	-	-	752	142	752	142
TOTAL.	-	-	-	-	1,101	205	1,101	205
OREGON:								
COLUMBIA RIVER.	-	-	-	-	11,253	2,132	11,253	2,132
COASTAL	-	-	-	-	6,429	1,132	6,429	1,132
TOTAL.	-	-	-	-	17,682	3,264	17,682	3,264
CALIFORNIA:								
NORTHERN.	-	-	-	-	1,620	279	1,620	279
SAN FRANCISCO	170	30	-	-	1,277	226	1,447	256
MONTEREY.	18	3	-	-	2,977	524	2,995	527
SANTA BARBARA	96	17	-	-	1,455	264	1,551	281
SAN PEDRO	73	14	-	-	6,681	1,282	6,754	1,296
SAN DIEGO	14	3	-	-	3,808	719	3,822	722
TOTAL.	371	67	-	-	17,818	3,294	18,189	3,361
HAWAII.	-	-	-	-	19	6	19	6
GRAND TOTAL, ALBACORE.	371	67	-	-	36,620	6,769	36,991	6,836
BLUEFIN:								
OREGON.	358	61	-	-	-	-	358	61
CALIFORNIA:								
SAN FRANCISCO	111	18	-	-	-	-	111	18
SAN PEDRO	27,652	4,055	-	-	80	12	27,732	4,067
SAN DIEGO	6,916	1,011	-	-	62	9	6,978	1,020
TOTAL.	34,679	5,084	-	-	142	21	34,821	5,105
HAWAII 1/	-	-	-	-	762	483	762	483
GRAND TOTAL, BLUEFIN .	35,037	5,145	-	-	904	504	35,941	5,649
LITTLE, HAWAII. . . .	-	-	-	-	28	4	28	4
SKIPJACK:								
CALIFORNIA:								
SAN FRANCISCO	2	4	-	-	-	-	2	[illegible]
MONTEREY.	-	-	-	-	2	(2/)	2	(2/)
SANTA BARBARA	[illegible]	(2/)	-	-	-	-	1	(2/)
SAN PEDRO	[illegible]	[illegible]	-	-	[illegible]	709	[illegible]	[illegible]
SAN DIEGO	[illegible]	[illegible]	-	-	[illegible]	305	[illegible]	[illegible]
TOTAL.	[illegible]	[illegible]	-	-	[illegible]	[illegible]	[illegible]	[illegible]
HAWAII.	-	-	-	-	[illegible]	1,404	[illegible]	1,404
GRAND TOTAL, SKIPJACK.	[illegible]	[illegible]	-	-	[illegible]	2,418	[illegible]	[illegible]
YELLOWFIN:								
CALIFORNIA:								
SAN FRANCISCO	700	118	-	-	-	-	700	118
SAN PEDRO	85,998	15,468	-	-	7,478	1,344	93,476	16,812
SAN DIEGO	36,129	6,356	-	-	2,306	406	38,435	6,762
TOTAL.	122,827	21,942	-	-	9,784	1,750	132,611	23,692
HAWAII.	-	-	3	1	500	214	503	215
GRAND TOTAL, YELLOWFIN	122,827	21,942	3	1	10,284	1,964	133,114	23,907
GRAND TOTAL, ALL SPECIES	201,660	32,901	3	1	[illegible]	[illegible]	[illegible]	[illegible]

1/ INCLUDES THE LANDINGS OF BIGEYE TUNA.

2/ LESS THAN $500.

U.S. MENHADEN FISHERY, 1966

Landings of 1.3 billion pounds decreased 418 million pounds and were the lowest since 1952. In 1966, this fishery accounted for only 30 percent of the U.S. volume of fishery landings, but in 1962, the peak year of production, menhaden accounted for 44 percent.

Gulf States accounted for 61 percent, the Chesapeake States, 21 percent; South Atlantic States, 16 percent; and Middle Atlantic States, 2 percent of the total. A negligible amount was landed in the New England States.

Purse seines accounted for 98 percent. The remaining 2 percent was taken by pound nets, haul seines, fyke and hoop nets, gill and trammel nets, floating traps, and otter trawls.

There were 2,620 fishermen, 153 vessels, 303 motor boats, and 14 other boats employed in the menhaden purse seine fishery.

MENHADEN

SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1966

GROSS TONNAGE	MIDDLE ATLANTIC				CHESAPEAKE		
	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
140 - 149	-	-	-	-	1	2	2
150 - 159	-	-	-	-	-	1	1
180 - 189	-	1	-	1	-	1	1
190 - 199	-	7	5	12	-	10	10
220 - 229	1	-	-	1	-	1	1
230 - 239	1	1	-	2	-	1	1
240 - 249	-	1	-	1	-	3	3
250 - 259	-	-	-	-	-	5	5
260 - 269	-	-	-	-	-	10	10
280 - 289	-	2	-	2	-	1	1
290 - 299	1	-	-	1	-	1	1
300 - 309	2	-	-	2	-	-	-
320 - 329	-	-	-	-	-	1	1
370 - 379	-	-	-	-	-	1	1
530 - 539	-	1	-	1	-	1	1
540 - 549	-	-	-	-	-	1	1
590 - 599	-	1	-	1	-	1	1
TOTAL VESSELS	5	14	5	24	1	41	41
TOTAL GROSS TONNAGE	1,360	3,734	993	33,087	140	10,643	10,643

(CONTINUED ON NEXT PAGE)

SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1966 - Continued

GROSS TONNAGE	SOUTH ATLANTIC			GULF					GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	NORTH CAROLINA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION	FLORIDA, WEST COAST	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
40 - 49	1	-	1	-	-	-	-	-	1
50 - 59	2	-	2	-	-	-	-	-	2
60 - 69	2	-	2	-	-	-	-	-	2
70 - 79	1	-	1	-	-	-	-	-	1
110 - 119	-	2	2	-	-	-	-	-	2
120 - 129	-	1	1	-	-	-	-	-	1
130 - 139	-	-	-	-	-	-	1	1	1
140 - 149	1	2	3	-	-	3	1	4	9
150 - 159	-	-	-	-	-	-	-	-	1
160 - 169	-	-	-	-	-	3	2	5	5
170 - 179	-	-	-	-	1	2	3	6	6
180 - 189	1	-	1	-	2	1	3	6	7
190 - 199	9	2	11	2	8	6	-	13	27
200 - 209	1	-	1	-	-	-	-	-	1
210 - 219	-	-	-	-	-	3	-	3	3
220 - 229	-	-	-	-	2	1	-	3	5
230 - 239	1	-	1	-	1	2	-	3	5
240 - 249	4	-	4	-	1	1	-	2	6
250 - 259	9	-	9	-	2	2	-	4	11
260 - 269	5	-	5	-	1	2	-	3	11
280 - 289	3	-	3	-	-	-	-	-	3
290 - 299	1	-	1	-	1	-	-	1	2
300 - 309	-	-	-	-	-	1	-	1	3
310 - 319	-	-	-	-	1	3	-	3	3
320 - 329	1	-	1	-	-	1	-	1	2
360 - 369	-	-	-	-	-	2	-	2	2
370 - 379	1	-	1	-	-	-	-	-	1
410 - 419	-	-	-	-	-	1	-	1	1
450 - 459	1	-	1	-	1	-	-	1	1
460 - 469	-	-	-	-	-	1	-	1	1
470 - 479	-	-	-	1	3	2	-	5	5
480 - 489	-	-	-	-	-	2	-	2	2
500 - 509	-	-	-	-	-	1	-	1	1
510 - 519	-	-	-	-	-	2	-	2	2
520 - 529	-	-	-	-	-	4	-	4	4
530 - 539	1	-	1	-	-	2	-	2	3
540 - 549	1	-	1	-	-	-	-	-	1
550 - 559	-	-	-	-	-	1	-	1	1
580 - 587	1	-	1	-	-	1	-	1	1
590 - 599	1	-	1	-	-	-	-	-	1
600 - 609	-	-	-	-	1	4	-	4	4
610 - 619	-	-	-	-	1	1	-	1	1
640 - 649	-	-	-	-	-	1	-	1	1
TOTAL VESSELS	48	7	55	3	26	56	10	88	153
TOTAL GROSS TONNAGE	12,044	1,030	13,074	867	7,503	19,887	1,664	27,320	72,159

◆

SUMMARY OF MENHADEN PURSE SEINE OPERATING UNITS, 1966

AREA AND STATE	VESSELS		BOATS		FISHERMEN	PURSE SEINES	
			MOTOR	OTHER			
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	NUMBER	NUMBER	LENGTH IN YARDS
MIDDLE ATLANTIC:							
NEW YORK.	5	1,360	10	-	85	5	2,180
NEW JERSEY.	14	3,734	16	12	238	14	5,440
DELAWARE.	5	993	10	-	85	5	2,000
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	24	6,087	36	12	408	24	9,620
CHESAPEAKE:							
MARYLAND.	1	140	1	1	22	1	375
VIRGINIA.	41	10,643	82	-	478	41	15,438
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	41	10,643	82	1	478	41	15,438
SOUTH ATLANTIC:							
NORTH CAROLINA.	48	12,044	96	-	810	48	19,200
FLORIDA, EAST COAST . . .	7	1,030	14	-	119	7	3,480
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	55	13,074	110	-	929	55	22,680
GULF:							
FLORIDA, WEST COAST . . .	3	867	6	-	51	3	1,590
MISSISSIPPI	26	7;503	52	1	471	26	13,700
LOUISIANA	56	19,887	112	-	984	56	26,659
TEXAS	10	1,664	20	-	170	10	5,000
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	88	27,320	176	1	1,554	88	46,859
GRAND TOTAL, EXCLUSIVE OF DUPLICATION. . . .	153	41,976	303	14	2,620	153	72,159

SUMMARY OF MENHADEN LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MIDDLE ATLANTIC:						
NEW YORK.	-	-	4,623	71	-	-
NEW JERSEY.	-	-	9,571	170	(1)	(1)
DELAWARE.	-	-	4,231	53	-	-
TOTAL.	-	-	18,425	294	(1)	(1)
CHESAPEAKE:						
MARYLAND.	12	(1)	2,855	73	-	-
VIRGINIA.	4,533	76	249,371	3,940	-	-
TOTAL.	4,545	76	252,226	4,013	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA.	80	1	182,123	2,536	-	-
SOUTH CAROLINA.	235	5	-	-	-	-
FLORIDA, EAST COAST . . .	-	-	32,012	436	-	-
TOTAL.	315	6	214,135	2,972	-	-
GULF:						
FLORIDA, WEST COAST . . .	113	4	6,742	109	-	-
MISSISSIPPI	-	-	190,654	3,465	-	-
LOUISIANA	-	-	555,852	9,558	-	-
TEXAS	-	-	38,863	773	-	-
TOTAL.	113	4	792,111	13,905	-	-
GRAND TOTAL.	4,973	86	1,276,897	21,184	(1)	(1)

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF MENHADEN LANDINGS, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	POUND NETS		FLOATING TRAPS		FYKE AND HOOP NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MASSACHUSETTS	3	(1)	-	-	-	-
RHODE ISLAND.	-	-	9	(1)	-	-
TOTAL.	3	(1)	9	(1)	-	-
MIDDLE ATLANTIC:						
NEW YORK.	240	11	-	-	-	-
NEW JERSEY.	3,273	91	-	-	-	-
TOTAL.	3,513	102	-	-	-	-
CHESAPEAKE:						
MARYLAND.	2,606	52	-	-	-	-
VIRGINIA.	17,065	285	-	-	1,422	24
TOTAL.	19,671	337	-	-	1,422	24
SOUTH ATLANTIC, NORTH CAROLINA	81	1	-	-	-	-
GRAND TOTAL.	23,268	440	9	(1)	1,422	24

AREA AND STATE	GILL NETS		TRAMMEL NETS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MASSACHUSETTS	-	-	-	-	3	(1)
RHODE ISLAND.	-	-	-	-	9	(1)
CONNECTICUT	2	(1)	-	-	2	(1)
TOTAL.	2	(1)	-	-	14	(1)
MIDDLE ATLANTIC:						
NEW YORK.	7	(1)	-	-	4,870	82
NEW JERSEY.	71	3	-	-	12,915	264
DELAWARE.	-	-	-	-	4,231	53
TOTAL.	78	3	-	-	22,016	399
CHESAPEAKE:						
MARYLAND.	31	1	-	-	5,504	126
VIRGINIA.	-	-	-	-	272,391	4,325
TOTAL.	31	1	-	-	277,895	4,451
SOUTH ATLANTIC:						
NORTH CAROLINA.	5	(1)	-	-	182,289	2,538
SOUTH CAROLINA.	-	-	-	-	235	5
FLORIDA, EAST COAST . . .	573	14	5	(1)	32,590	450
TOTAL.	578	14	5	(1)	215,114	2,993
GULF:						
FLORIDA, WEST COAST . . .	419	14	28	1	7,302	128
MISSISSIPPI	-	-	-	-	190,654	3,465
LOUISIANA	-	-	-	-	555,852	9,558
TEXAS	-	-	-	-	38,863	773
TOTAL.	419	14	28	1	792,671	13,924
GRAND TOTAL.	1,108	32	33	1	1,307,710	21,767

1/ LESS THAN 500 POUNDS OR $500.

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. CLAM FISHERY, 1966

The clam fishery produced a record 72.8 million pounds of meats worth a record $18.6 million. This was 1.9 million pounds and $1.8 million more than the previous year. Surf clams, landed chiefly in New Jersey, accounted for 62 percent of the landings; hard clams, 21 percent; and soft clams, 16 percent. The remainder consisted of ocean quahog, razor, rangia, and mixed clams. The Middle Atlantic States led with 75 percent of the landings; followed by the Chesapeake States with 13 percent; New England, 10 percent; and the Pacific Coast, South Atlantic, and Gulf States, and Hawaii, the remaining 2 percent.

Dredges took 56.7 million pounds (78 percent); tongs, 5.9 million (8 percent); rakes, 4.3 million (6 percent); and hoes, 4.2 million (6 percent). The remainder of the landings was taken with forks, shovels, or gathered by hand.

In Section 14 of this Digest, under the heading "Conversion Factors", there is a table which gives the average State yield per U.S. standard bushel for the clams taken on the Atlantic and Gulf coasts. Supplementary shellfish tables appear after the summary tables for each Atlantic and Gulf Regional section.

HARD CLAM

SUMMARY OF CLAM LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HARD		OCEAN QUAHOG		RANGIA		RAZOR	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE.	(1)	(1)	-	-	-	-	-	-
MASSACHUSETTS.	1,322	1,098	-	-	-	-	6	3
RHODE ISLAND	1,605	799	91	11	-	-	-	-
CONNECTICUT.	245	102	-	-	-	-	-	-
TOTAL	3,172	1,999	91	11	-	-	6	3
MIDDLE ATLANTIC:								
NEW YORK	6,581	5,788	-	-	-	-	2	1
NEW JERSEY	2,675	1,224	-	-	-	-	-	-
DELAWARE	264	140	-	-	-	-	-	-
TOTAL	9,520	7,152	-	-	-	-	2	1
CHESAPEAKE:								
MARYLAND	172	96	-	-	-	-	-	-
VIRGINIA	1,860	1,010	-	-	-	-	-	-
TOTAL	2,032	1,106	-	-	-	-	-	-
SOUTH ATLANTIC:								
NORTH CAROLINA	233	93	-	-	52	17	-	-
SOUTH CAROLINA	23	8	-	-	-	-	-	-
FLORIDA, EAST COAST. . . .	2	1	-	-	-	-	-	-
TOTAL	258	102	-	-	52	17	-	-
GULF, FLORIDA, WEST COAST. .	4	1	-	-	-	-	-	-
PACIFIC:								
ALASKA	-	-	-	-	-	-	29	9
WASHINGTON	337	164	-	-	-	-	170	104
OREGON	-	-	-	-	-	-	35	24
CALIFORNIA	1	(1)	-	-	-	-	-	-
TOTAL	338	164	-	-	-	-	234	137
HAWAII	(1)	(1)	-	-	-	-	-	-
GRAND TOTAL	15,324	10,524	91	11	52	17	242	141

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF CLAM LANDINGS, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	SOFT		SURF		MIXED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE.	3,008	1,387	-	-	-	-	3,008	1,387
MASSACHUSETTS.	1,045	681	35	8	-	-	2,408	1,790
RHODE ISLAND	102	51	-	-	-	-	1,798	861
CONNECTICUT.	(1)	(1)	-	-	-	-	245	102
TOTAL	4,155	2,119	35	8	-	-	7,459	4,140
MIDDLE ATLANTIC:								
NEW YORK	282	86	1,840	148	-	-	8,705	6,023
NEW JERSEY	77	32	43,174	3,714	-	-	45,926	4,970
DELAWARE	-	-	-	-	-	-	264	140
TOTAL	359	118	45,014	3,862	-	-	54,895	11,133
CHESAPEAKE:								
MARYLAND	7,007	1,650	64	6	-	-	7,243	1,752
VIRGINIA	398	87	-	-	-	-	2,258	1,097
TOTAL	7,405	1,737	64	6	-	-	9,501	2,849
SOUTH ATLANTIC:								
NORTH CAROLINA	-	-	-	-	-	-	285	110
SOUTH CAROLINA	-	-	-	-	-	-	23	8
FLORIDA, EAST COAST. . . .	-	-	-	-	-	-	2	1
TOTAL	-	-	-	-	-	-	310	119
GULF, FLORIDA, WEST COAST. .	-	-	-	-	-	-	4	1
PACIFIC:								
ALASKA	-	-	-	-	-	-	29	9
WASHINGTON	-	-	-	-	-	-	507	268
OREGON	-	-	-	-	10	8	45	32
CALIFORNIA	-	-	-	-	-	-	1	(1)
TOTAL	-	-	-	-	10	8	582	309
HAWAII	-	-	-	-	-	-	(1)	(1)
GRAND TOTAL	11,919	3,974	45,113	3,876	10	8	72,751	18,551

1/ LESS THAN 500 POUNDS OR $500.

SUMMARY OF CLAM LANDINGS OF CATCH BY GEAR, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	HARD		OCEAN QUAHOG		RANGIA		RAZOR	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DREDGES.	4,075	2,534	91	11	52	17	-	-
TONGS.	5,947	4,236	-	-	-	-	-	-
RAKES.	3,933	3,094	-	-	-	-	2	1
HOES	19	9	-	-	-	-	6	3
SHOVELS.	309	158	-	-	-	-	234	137
BY HAND.	1,030	463	-	-	-	-	-	-
UNCLASSIFIED	11	10	-	-	-	-	-	-
TOTAL	15,324	10,524	91	11	52	17	242	141

GEAR	SOFT		SURF		MIXED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DREDGES.	7,405	1,736	45,112	3,876	-	-	56,735	8,174
TONGES	-	-	-	-	-	-	5,947	4,236
RAKES.	320	119	-	-	-	-	4,255	3,214
HOES	4,145	2,095	1	(1)	-	-	4,171	2,107
FORKS.	9	7	-	-	-	-	9	7
SHOVELS.	-	-	-	-	10	8	553	303
BY HAND.	40	17	-	-	-	-	1,070	500
UNCLASSIFIED	-	-	-	-	-	-	11	10
TOTAL	11,919	3,974	45,113	3,876	10	8	72,751	18,551

1/ LESS THAN $500.

REVIEW OF CERTAIN MAJOR FISHERIES

U.S. CRAB FISHERY, 1966

U.S. landings of crabs were 372.4 million pounds valued at $33.0 million. This was 37.0 million pounds and $2.2 million more than the previous year and established a record in both volume and value.

The Pacific Coast States led in volume with 199.3 million pounds (53 percent) followed by the Chesapeake States with 97.0 million (26 percent); South Atlantic States, 40.8 million (11 percent); and Gulf States, 32.0 million pounds (9 percent). The remainder was landed in the New England and Middle Atlantic States, and Hawaii.

The Alaska king crab landings again set a record with a production of 159.2 million pounds worth $15.7 million--an increase of 27.5 million pounds and $2.9 million compared with the previous year. Dungeness crab landings of 39.7 million pounds valued at $5.5 million were the highest since 1958. Increases of 7.6 million pounds in California, 3.6 million in Washington, and 3.4 million pounds in Oregon more than offset the decline of 3.8 million pounds in Alaska. Blue crab landings of 170.0 million pounds were 1.3 million less than the record 1965 production. The landings decreased 5.6 million pounds in the South Atlantic States and 5.9 million in the Gulf States; but increased 10.7 million pounds in the Chesapeake States. The 97.0 million pounds landed in the Chesapeake States was a record for that area.

In Section 14 under the heading "Conversion Factors" is a table which gives the average number of crabs per pound by species for each of the Atlantic and Gulf States. Supplementary shellfish tables are shown after the summary landing tables for the Atlantic and Gulf States.

SUMMARY OF CRAB POT OPERATING UNITS, 1966

ITEM	NEW ENGLAND			
	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	-	2	2
ON BOATS AND SHORE.	3	3	8	14
TOTAL FISHERMEN.	3	3	10	16
VESSELS, MOTOR, 10 - 19 TONS.	-	-	1	1
TOTAL GROSS TONNAGE. . .	-	-	12	12
BOATS, MOTOR.	2	3	5	10
GEAR, NUMBER.	60	67	950	1,077

ITEM	MIDDLE ATLANTIC			CHESAPEAKE		
	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	5	-	5	187	368	554
ON BOATS AND SHORE.	46	19	65	684	1,101	1,785
TOTAL FISHERMEN.	51	19	70	871	1,469	2,339
VESSELS, MOTOR:						
5 - 9 TONS.	3	-	3	134	194	327
10 - 19 TONS.	-	-	-	29	19	48
20 - 29 TONS.	-	-	-	-	1	1
TOTAL VESSELS.	3	-	3	163	214	376
TOTAL GROSS TONNAGE. . .	21	-	21	1,300	1,543	2,835
BOATS, MOTOR.	37	14	51	642	1,017	1,659
GEAR, NUMBER.	3,174	1,685	4,859	82,750	130,972	213,622

(CONTINUED ON NEXT PAGE)

SUMMARY OF CRAB POT OPERATING UNITS, 1966 - Continued

ITEM	SOUTH ATLANTIC				
	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	19	-	-	-	19
ON BOATS AND SHORE.	407	204	170	148	929
TOTAL FISHERMEN.	426	204	170	148	948
VESSELS, MOTOR:					
5 - 9 TONS.	8	-	-	-	8
10 - 19 TONS.	3	-	-	-	3
TOTAL VESSELS.	11	-	-	-	11
TOTAL GROSS TONNAGE. . .	91	-	-	-	91
BOATS:					
MOTOR	407	204	128	148	887
OTHER	-	-	1	-	1
GEAR, NUMBER.	30,795	12,240	8,070	18,220	69,325

ITEM	GULF					
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	23	-	-	-	-	23
ON BOATS AND SHORE.	468	67	34	397	59	1,025
TOTAL FISHERMEN.	491	67	34	397	59	1,048
VESSELS, MOTOR:						
5 - 9 TONS.	7	-	-	-	-	7
10 - 19 TONS.	4	-	-	-	-	4
20 - 29 TONS.	2	-	-	-	-	2
TOTAL VESSELS.	13	-	-	-	-	13
TOTAL GROSS TONNAGE. . .	151	-	-	-	-	151
BOATS, MOTOR.	413	63	26	272	57	831
GEAR, NUMBER.	95,913	10,540	3,100	40,240	8,460	158,253

ITEM	PACIFIC				
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	892	206	249	478	1,764
ON BOATS AND SHORE.	321	113	78	185	697
TOTAL FISHERMEN.	1,213	319	327	663	2,461
VESSELS, MOTOR:					
5 - 9 TONS.	16	12	17	32	75
10 - 19 TONS.	53	26	52	107	235
20 - 29 TONS.	35	22	18	49	115
30 - 39 TONS.	25	13	10	5	48
40 - 49 TONS.	24	9	3	6	41
50 - 59 TONS.	25	1	4	3	32
60 - 69 TONS.	14	4	1	-	17
70 - 79 TONS.	9	-	1	-	10
80 - 89 TONS.	9	-	-	-	9
90 - 99 TONS.	15	-	-	-	15
100 - 109 TONS.	9	-	-	-	9
110 - 119 TONS.	6	1	-	-	7
120 - 129 TONS.	11	-	-	-	11
130 - 139 TONS.	6	-	-	-	6
140 - 149 TONS.	5	-	1	-	6
150 - 159 TONS.	1	-	-	-	1
160 - 169 TONS.	7	-	-	-	7
170 - 179 TONS.	3	-	-	-	3
180 - 189 TONS.	3	-	-	-	3
190 - 199 TONS.	5	-	-	-	5

(CONTINUED ON NEXT PAGE)

SUMMARY OF CRAB POT OPERATING UNITS, 1966 - Continued

ITEM	PACIFIC - CONTINUED				
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
210 - 219 TONS.	1	-	-	-	1
220 - 229 TONS.	1	-	-	-	1
240 - 249 TONS.	1	-	-	-	1
290 - 299 TONS.	1	-	-	-	1
320 - 329 TONS.	1	-	-	-	1
360 - 369 TONS.	1	-	-	-	1
490 - 499 TONS.	1	-	-	-	1
TOTAL VESSELS.	288	88	107	202	662
TOTAL GROSS TONNAGE. . .	18,839	2,274	2,253	3,417	26,116
BOATS:					
MOTOR	151	73	49	93	366
OTHER	-	1	-	-	1
GEAR, NUMBER.	59,040	23,075	28,500	28,242	135,248

SUMMARY OF CRAB TROT LINE OPERATING UNITS, 1966

ITEM	CHESAPEAKE		SOUTH ATLANTIC	
	MARYLAND	VIRGINIA	NORTH CAROLINA	SOUTH CAROLINA
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	91	-	4	-
ON BOATS AND SHORE.	2,813	75	158	6
TOTAL FISHERMEN.	2,904	75	162	6
VESSELS, MOTOR:				
5 - 9 TONS.	69	-	4	-
10 - 19	19	-	-	-
TOTAL VESSELS.	88	-	4	-
TOTAL GROSS TONNAGE. . .	712	-	25	-
BOATS, MOTOR.	2,555	72	158	6
GEAR:				
NUMBER.	2,904	72	162	6
BAITS	993,425	42,650	114,450	4,200

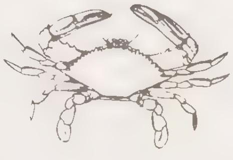
ITEM	GULF					TOTAL, EXCLUSIVE OF DUPLICATION
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	-	-	-	95
ON BOATS AND SHORE.	7	8	14	649	13	3,743
TOTAL.	7	8	14	649	13	3,838
VESSELS, MOTOR:						
5 - 9 TONS.	-	-	-	-	-	73
10 - 19 TONS.	-	-	-	-	-	19
TOTAL VESSELS.	-	-	-	-	-	92
TOTAL GROSS TONNAGE. . .	-	-	-	-	-	737
BOATS, MOTOR.	5	8	14	649	13	3,480
GEAR:						
NUMBER.	5	8	14	630	13	3,814
BAITS	3,125	3,200	7,000	386,980	4,800	1,559,830

SUMMARY OF CRAB OTTER TRAWL OPERATING UNITS, 1966

ITEM	SOUTH ATLANTIC		TOTAL, EXCLUSIVE OF DUPLICATION
	NORTH CAROLINA	GEORGIA	
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS.	252	96	348
ON BOATS AND SHORE. . . .	164	164	328
TOTAL FISHERMEN. . . .	416	260	676
VESSELS, MOTOR:			
5 - 9 TONS.	54	1	55
10 - 19 TONS.	36	15	51
20 - 29 TONS.	15	10	25
30 - 39 TONS.	11	10	21
40 - 49 TONS.	6	3	9
50 - 59 TONS.	3	5	8
60 - 69 TONS.	2	4	6
70 - 79 TONS.	1	-	1
80 - 89 TONS.	1	-	1
90 - 99 TONS.	1	-	1
TOTAL VESSELS.	130	48	178
TOTAL GROSS TONNAGE. .	2,454	1,475	3,929
BOATS, MOTOR.	146	102	248
GEAR:			
NUMBER.	364	196	560
YARDS AT MOUTH.	4,949	3,100	8,049

SUMMARY OF CRAB DREDGE OPERATING UNITS, 1966

ITEM	NEW JERSEY	DELAWARE	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	22	14	410	446
ON BOATS AND SHORE. . . .	7	-	12	19
TOTAL FISHERMEN. . . .	29	14	422	465
VESSELS, MOTOR:				
5 - 9 TONS.	2	-	26	28
10 - 19 TONS.	4	-	60	64
20 - 29 TONS.	3	1	37	41
30 - 39 TONS.	-	2	15	17
40 - 49 TONS.	-	2	5	7
50 - 59 TONS.	-	-	3	3
60 - 69 TONS.	-	-	1	1
70 - 79 TONS.	-	-	2	2
150 - 159 TONS.	-	-	1	1
TOTAL VESSELS.	9	5	150	164
TOTAL GROSS TONNAGE. .	140	179	3,157	3,476
BOATS, MOTOR.	7	-	6	13
GEAR:				
NUMBER.	24	9	298	331
YARDS AT MOUTH.	38	18	537	593



BLUE CRAB

SUMMARY OF CRAB LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	BLUE				DUNGENESS	
	HARD		SOFT AND PEELER			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MIDDLE ATLANTIC:						
NEW JERSEY	684	92	4	1	-	-
DELAWARE	571	49	(1)	(1)	-	-
TOTAL	1,255	141	4	1	-	-
CHESAPEAKE:						
MARYLAND	30,373	2,214	1,884	725	-	-
VIRGINIA	63,731	3,638	1,028	378	-	-
TOTAL	94,104	5,852	2,912	1,103	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA	18,914	868	126	56	-	-
SOUTH CAROLINA	5,724	284	-	-	-	-
GEORGIA	8,556	325	-	-	-	-
FLORIDA, EAST COAST	7,323	529	(1)	(1)	-	-
TOTAL	40,517	2,006	126	56	-	-
GULF:						
FLORIDA, WEST COAST	16,547	912	1	(1)	-	-
ALABAMA	2,183	182	-	-	-	-
MISSISSIPPI	1,457	105	1	(1)	-	-
LOUISIANA	7,986	537	128	85	-	-
TEXAS	2,778	228	-	-	-	-
TOTAL	30,951	1,964	130	85	-	-
PACIFIC COAST:						
ALASKA	-	-	-	-	5,053	606
WASHINGTON	-	-	-	-	11,745	1,662
OREGON	-	-	-	-	10,544	1,401
CALIFORNIA	-	-	-	-	12,376	1,880
TOTAL	-	-	-	-	39,718	5,549
GRAND TOTAL	156,827	9,963	3,172	1,245	39,718	5,549

AREA AND STATE	GREEN		KING		ROCK	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	-	-	1,774	75
NEW HAMPSHIRE	16	1	-	-	18	2
MASSACHUSETTS	20	2	-	-	11	3
RHODE ISLAND	7	1	-	-	162	19
TOTAL	43	4	-	-	1,965	99
MIDDLE ATLANTIC, NEW JERSEY	-	-	-	-	71	3
PACIFIC COAST:						
ALASKA	-	-	159,202	15,671	-	-
CALIFORNIA	-	-	-	-	331	33
TOTAL	-	-	159,202	15,671	331	33
GRAND TOTAL	43	4	159,202	15,671	2,367	135

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

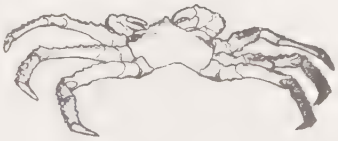
DUNGENESS CRAB TRAP

SUMMARY OF CRAB LANDINGS, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	STONE		TANNER		OTHER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	-	-	-	-	-	-	1,774	75
NEW HAMPSHIRE	-	-	-	-	-	-	34	3
MASSACHUSETTS	-	-	-	-	-	-	31	5
RHODE ISLAND	-	-	-	-	-	-	169	20
TOTAL	-	-	-	-	-	-	2,008	103
MIDDLE ATLANTIC:								
NEW JERSEY	-	-	-	-	-	-	759	96
DELAWARE	-	-	-	-	-	-	571	49
TOTAL	-	-	-	-	-	-	1,330	145
CHESAPEAKE:								
MARYLAND	-	-	-	-	-	-	32,257	2,939
VIRGINIA	-	-	-	-	-	-	64,759	4,016
TOTAL	-	-	-	-	-	-	97,016	6,955
SOUTH ATLANTIC:								
NORTH CAROLINA	-	-	-	-	-	-	19,040	924
SOUTH CAROLINA	-	-	-	-	-	-	5,724	284
GEORGIA	-	-	-	-	-	-	8,556	325
FLORIDA, EAST COAST	187	86	-	-	-	-	7,510	615
TOTAL	187	86	-	-	-	-	40,830	2,148
GULF:								
FLORIDA, WEST COAST	883	368	-	-	-	-	17,431	1,280
ALABAMA	-	-	-	-	-	-	2,183	182
MISSISSIPPI	-	-	-	-	-	-	1,458	105
LOUISIANA	-	-	-	-	-	-	8,114	622
TEXAS	-	-	-	-	-	-	2,778	228
TOTAL	883	368	-	-	-	-	31,964	2,417
PACIFIC COAST:								
ALASKA	-	-	(1)	(1)	-	-	164,255	16,277
WASHINGTON	-	-	-	-	-	-	11,745	1,662
OREGON	-	-	-	-	-	-	10,544	1,401
CALIFORNIA	-	-	-	-	-	-	12,707	1,913
TOTAL	-	-	(1)	(1)	-	-	199,251	21,253
HAWAII	-	-	-	-	26	16	26	16
GRAND TOTAL	1,070	454	(1)	(1)	26	16	372,425	33,037

1/ LESS THAN 500 POUNDS OR $500.



KING CRAB

SUMMARY OF CRAB LANDINGS OF CATCH BY GEAR, 1966

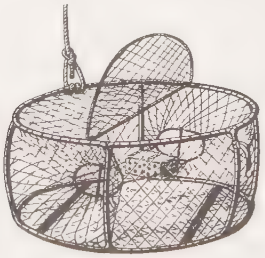
(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	BLUE				DUNGENESS	
	HARD		SOFT AND PEELER			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES, COMMON	2	(1)	-	-	-	-
OTTER TRAWLS	13,609	592	67	30	5	2
POUND NETS	1,927	114	608	225	-	-
POTS	108,303	6,686	619	240	39,713	5,547
LINES, TROT WITH BAITS	26,487	1,721	216	93	-	-
DIP NETS	145	8	73	27	-	-
LIFT NETS	716	64	37	25	-	-
SCRAPES	97	7	1,514	580	-	-
DREDGES	15,541	771	-	-	-	-
BRUSH TRAPS	-	-	38	25	-	-
TOTAL	166,827	9,963	3,172	1,245	39,718	5,549

GEAR	GREEN		KING		ROCK	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
OTTER TRAWLS	-	-	-	-	71	3
POTS	43	4	159,202	15,671	2,296	132
TOTAL	43	4	159,202	15,671	2,367	135

GEAR	STONE		TANNER		OTHER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES, COMMON	-	-	-	-	-	-	2	(1)
OTTER TRAWLS	-	-	-	-	-	-	13,752	627
POUND NETS	-	-	-	-	-	-	2,535	339
POTS	1,070	454	(1)	(1)	13	8	311,259	28,742
LINES, TROT WITH BAITS	-	-	-	-	-	-	26,703	1,814
DIP NETS	-	-	-	-	-	-	218	35
LIFT NETS	-	-	-	-	11	7	764	96
SCRAPES	-	-	-	-	-	-	1,611	587
DREDGES	-	-	-	-	-	-	15,541	771
BRUSH TRAPS	-	-	-	-	-	-	38	25
UNCLASSIFIED	-	-	-	-	2	1	2	1
TOTAL	1,070	454	(1)	(1)	26	16	372,425	33,037

1/ LESS THAN 500 POUNDS OR $500.



DUNGENESS CRAB POT

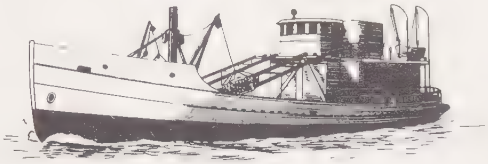
U.S. OYSTER FISHERY, 1966

The U.S. oyster fishery produced 51.2 million pounds of meats valued at $27.4 million--a decline of 3.5 million pounds (6 percent) and $500,000 compared with 1965. Landings declined in the Gulf States (where the fishery has not yet recovered from the hurricane damage sustained the previous year) and in the Pacific Coast, and South Atlantic States. Landings increased slightly in the New England, Middle Atlantic, and Chesapeake States.

The Chesapeake States led in the production of oyster meats with a yield of 21.2 million pounds, followed by the Gulf States, 17.2 million, and the Pacific Coast States, 7.8 million pounds. The New England, Middle Atlantic, and South Atlantic States accounted for the remaining 5.0 million pounds.

Dredges took 26.8 million pounds (52 percent) of the oyster harvest, and tongs, 22.2 million (43 percent). The remainder was taken with rakes, forks, diving outfits, or gathered by hand.

In Section 14 of this Digest is a table which gives the volume of the bushel measures used for oysters in the various Atlantic and Gulf States and the average yield per bushel. Supplementary shellfish tables appear after the summary tables for each Atlantic and Gulf regional section.



SUMMARY OF OYSTER DREDGE OPERATING UNITS, 1966

ITEM	NEW ENGLAND				MIDDLE ATLANTIC			
	MAINE	MASSACHUSETTS	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	-	32	32	34	151	11	196
ON BOATS AND SHORE. . .	6	6	-	12	2	18	2	22
TOTAL FISHERMEN. . .	6	6	32	44	36	169	13	218
VESSELS, MOTOR:								
5 - 9 TONS.	-	-	-	-	-	2	1	3
10 - 19 TONS.	-	-	4	4	2	7	1	10
20 - 29 TONS.	-	-	2	2	1	1	-	2
30 - 39 TONS.	-	-	3	3	1	6	1	8
40 - 49 TONS.	-	-	-	-	1	2	-	3
50 - 59 TONS.	-	-	-	-	1	2	-	3
60 - 69 TONS.	-	-	-	-	2	1	-	3
70 - 79 TONS.	-	-	1	1	1	-	-	1
TOTAL VESSELS. . . .	-	-	10	10	9	21	3	33
TOTAL GROSS TONNAGE.	-	-	288	288	382	612	54	1,048
BOATS, MOTOR.	3	3	-	6	1	10	1	12
GEAR:								
NUMBER.	3	3	19	25	16	54	8	78
YARDS AT MOUTH.	3	3	27	33	22	54	11	87

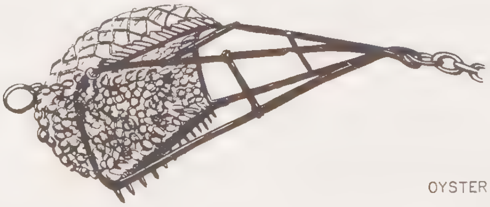
(CONTINUED ON NEXT PAGE)

SUMMARY OF OYSTER DREDGE OPERATING UNITS, 1966 - Continued

ITEM	CHESAPEAKE			SOUTH ATLANTIC	GULF	
	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION	NORTH CAROLINA	ALABAMA	MISSISSIPPI
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	297	310	607	68	13	379
ON BOATS AND SHORE. . .	67	361	428	202	-	40
TOTAL FISHERMEN. . .	364	671	1,035	270	13	419
VESSELS, MOTOR:						
5 - 9 TONS.	24	86	110	35	-	3
10 - 19 TONS.	28	34	62	8	2	36
20 - 29 TONS.	6	7	13	1	-	52
30 - 39 TONS.	2	1	3	-	1	24
40 - 49 TONS.	-	-	-	-	-	7
50 - 59 TONS.	-	-	-	-	-	1
60 - 69 TONS.	-	-	-	-	-	1
TOTAL VESSELS. . . .	1/60	128	188	44	3	124
TOTAL GROSS TONNAGE.	1/725	1,261	1,986	352	59	3,047
BOATS, MOTOR.	29	180	209	192	-	20
GEAR:						
NUMBER.	146	385	531	247	6	288
YARDS AT MOUTH.	164	433	597	326	8	365

ITEM	GULF - CONTINUED			PACIFIC			
	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	612	383	1,139	74	5	-	79
ON BOATS AND SHORE. . .	384	298	722	14	-	11	25
TOTAL FISHERMEN. . .	996	681	1,861	88	5	11	104
VESSELS, MOTOR:							
5 - 9 TONS.	28	17	47	-	-	-	-
10 - 19 TONS.	99	87	204	14	1	-	15
20 - 29 TONS.	60	38	116	8	1	-	9
30 - 39 TONS.	24	12	38	5	-	-	5
40 - 49 TONS.	5	2	10	1	-	-	1
50 - 59 TONS.	1	-	1	-	-	-	-
60 - 69 TONS.	-	-	1	-	-	-	-
90 - 99 TONS.	-	1	1	-	-	-	-
TOTAL VESSELS. . . .	217	157	418	28	2	-	30
TOTAL GROSS TONNAGE.	4,099	2,761	7,881	625	35	-	660
BOATS, MOTOR.	197	141	358	7	-	5	12
GEAR:							
NUMBER.	743	298	1,209	2/68	4	2/5	77
YARDS AT MOUTH.	865	298	1,394	132	8	4	144

1/ INCLUDES 43 SAILING VESSELS WITH A TOTAL OF 551 GROSS TONS.
2/ INCLUDES SUCTION DREDGES.



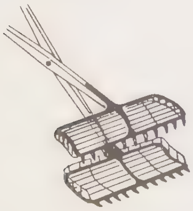
OYSTER DREDGE

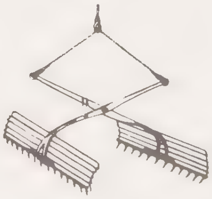
SUMMARY OF OYSTER TONG OPERATING UNITS, 1966

ITEM	NEW ENGLAND				MIDDLE ATLANTIC			
	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE.	19	13	22	54	6	100	3	109
BOATS, MOTOR.	17	13	22	52	6	87	3	96
GEAR, NUMBER.	19	13	22	54	6	100	3	109

ITEM	CHESAPEAKE			SOUTH ATLANTIC				
	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	280	825	1,099	-	-	-	-	-
ON BOATS AND SHORE. . .	3,701	3,162	6,863	298	107	40	14	459
TOTAL FISHERMEN. . .	3,981	3,987	7,962	298	107	40	14	459
VESSELS, MOTOR:								
5 - 9 TONS.	187	325	508	-	-	-	-	-
10 - 19 TONS.	51	35	85	-	-	-	-	-
20 - 29 TONS.	-	1	1	-	-	-	-	-
TOTAL VESSELS. . . .	238	361	594	-	-	-	-	-
TOTAL GROSS TONNAGE.	1,942	2,738	4,641	-	-	-	-	-
BOATS:								
MOTOR	3,185	1,821	5,006	298	107	40	14	459
OTHER	-	10	10	-	-	27		27
GEAR, NUMBER.	3,981	3,987	7,962	298	107	40	14	459

ITEM	GULF						PACIFIC	GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	CALIFORNIA	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	4	-	-	-	-	4	-	1,103
ON BOATS.	679	776	597	169	30	2,251	33	9,769
TOTAL FISHERMEN. . .	683	776	597	169	30	2,255	33	10,872
VESSELS, MOTOR:								
5 - 9 TONS.	1	-	-	-	-	- 1	-	509
10 - 19 TONS.	1	-	-	-	-	1	-	86
20 - 29 TONS.	-	-	-	-	-	-	-	1
TOTAL VESSELS. . . .	2	-	-	-	-	2	-	596
TOTAL GROSS TONNAGE.	16	-	-	-	-	16	-	4,657
BOATS:								
MOTOR	542	403	560	114	25	1,644	17	7,274
OTHER	-	54	30	10	-	94	-	131
GEAR, NUMBER.	683	776	597	169	30	2,255	33	10,872





SUMMARY OF OYSTER LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	DREDGES		TONGS		RAKES	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	4	5	-	-	-	-
MASSACHUSETTS	24	64	33	84	(1)	1
RHODE ISLAND	-	-	4	5	-	-
CONNECTICUT	329	666	7	9	-	-
TOTAL	357	735	44	98	(1)	1
MIDDLE ATLANTIC:						
NEW YORK	173	330	4	5	-	-
NEW JERSEY	646	743	49	53	-	-
DELAWARE	34	28	11	9	-	-
TOTAL	853	1,101	64	67	-	-
CHESAPEAKE:						
MARYLAND	2,756	2,173	9,033	5,876	-	-
VIRGINIA	4,544	3,264	4,899	3,230	-	-
TOTAL	7,300	5,437	13,932	9,106	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA	214	118	297	162	4	2
SOUTH CAROLINA	-	-	854	419	-	-
GEORGIA	-	-	122	43	-	-
FLORIDA, EAST COAST	-	-	32	11	-	-
TOTAL	214	118	1,305	635	4	2
GULF:						
FLORIDA, WEST COAST	-	-	4,121	1,285	-	-
ALABAMA	71	28	1,233	579	-	-
MISSISSIPPI	1,226	332	1,006	265	-	-
LOUISIANA	4,581	2,053	168	94	-	-
TEXAS	4,666	1,814	57	22	-	-
TOTAL	10,544	4,227	6,585	2,245	-	-
PACIFIC:						
WASHINGTON:						
PACIFIC	6,735	2,305	-	-	-	-
WESTERN	35	104	-	-	-	-
TOTAL	6,770	2,409	-	-	-	-
OREGON, PACIFIC	250	107	-	-	-	-
CALIFORNIA:						
EASTERN	-	-	13	41	-	-
PACIFIC	536	123	251	58	-	-
TOTAL	536	123	264	99	-	-
TOTAL PACIFIC STATES	7,556	2,639	264	99	-	-
GRAND TOTAL	26,824	14,257	22,194	12,250	4	3

AREA AND STATE	FORKS		DIVING OUTFITS		BY HAND		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	-	-	-	-	-	-	4	5
MASSACHUSETTS	6	14	-	-	-	-	63	163
RHODE ISLAND	-	-	1	1	-	-	5	6
CONNECTICUT	-	-	-	-	-	-	336	675
TOTAL	6	14	1	1	-	-	408	849
MIDDLE ATLANTIC:								
NEW YORK	-	-	-	-	-	-	177	335
NEW JERSEY	-	-	-	-	-	-	695	796
DELAWARE	-	-	-	-	-	-	45	37
TOTAL	-	-	-	-	-	-	917	1,168

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

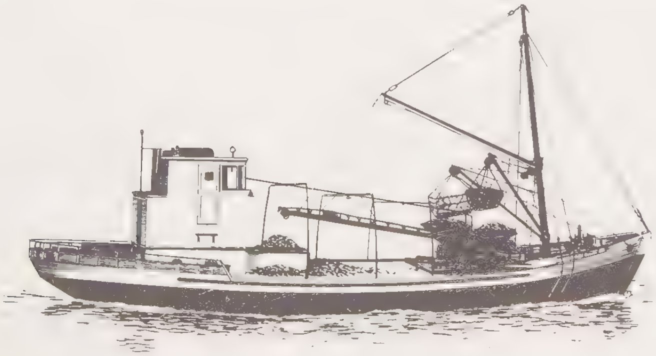
SUMMARY OF OYSTER LANDINGS, 1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	FORKS		DIVING OUTFITS		BY HAND		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHESAPEAKE:								
MARYLAND	-	-	-	-	-	-	11,789	8,049
VIRGINIA	-	-	-	-	-	-	9,443	6,494
TOTAL	-	-	-	-	-	-	21,232	14,543
SOUTH ATLANTIC:								
NORTH CAROLINA	-	-	-	-	211	116	726	398
SOUTH CAROLINA	-	-	-	-	1,761	648	2,615	1,067
GEORGIA	-	-	-	-	59	20	181	63
FLORIDA, EAST COAST	-	-	-	-	103	36	135	47
TOTAL	-	-	-	-	2,134	820	3,657	1,575
GULF:								
FLORIDA, WEST COAST	-	-	-	-	36	11	4,157	1,296
ALABAMA	-	-	-	-	-	-	1,304	607
MISSISSIPPI	-	-	-	-	-	-	2,232	597
LOUISIANA	-	-	-	-	15	9	4,764	2,156
TEXAS	-	-	-	-	2	1	4,725	1,837
TOTAL	-	-	-	-	53	21	17,182	6,493
PACIFIC COAST:								
ALASKA, PACIFIC	-	-	-	-	7	7	7	7
WASHINGTON:								
PACIFIC	-	-	-	-	-	-	6,735	2,305
WESTERN	-	-	-	-	-	-	35	104
TOTAL	-	-	-	-	-	-	6,770	2,409
OREGON, PACIFIC	-	-	-	-	-	-	250	107
CALIFORNIA:								
EASTERN	-	-	-	-	-	-	13	41
PACIFIC	-	-	-	-	-	-	787	181
TOTAL	-	-	-	-	-	-	800	222
TOTAL PACIFIC STATES	-	-	-	-	7	7	7,827	2,745
GRAND TOTAL	6	14	1	1	2,194	848	51,223	27,373

1/ LESS THAN 500 POUNDS.

NOTE:--LANDINGS FROM THE CATCH BY HAND IN WASHINGTON AND OREGON HAVE BEEN INCLUDED WITH THE LANDINGS BY DREDGES; IN CALIFORNIA, THEY HAVE BEEN INCLUDED WITH TONGS.



OYSTER DREDGE

SUMMARY OF ATLANTIC AND GULF OYSTER LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	PUBLIC		PRIVATE	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:				
MAINE	4	5	-	-
MASSACHUSETTS	11	24	52	139
RHODE ISLAND	3	3	2	3
CONNECTICUT	7	9	329	666
TOTAL	25	41	383	808
MIDDLE ATLANTIC:				
NEW YORK	4	5	173	330
NEW JERSEY	37	39	658	757
DELAWARE	1	2	44	35
TOTAL	42	46	875	1,122
CHESAPEAKE:				
MARYLAND	10,352	6,824	1,437	1,225
VIRGINIA	4,804	3,159	4,639	3,335
TOTAL	15,156	9,983	6,076	4,560
SOUTH ATLANTIC:				
NORTH CAROLINA	461	253	265	145
SOUTH CAROLINA	-	-	2,615	1,067
GEORGIA	-	-	181	63
FLORDIA, EAST COAST	61	22	74	25
TOTAL	522	275	3,135	1,300
GULF:				
FLORIDA, WEST COAST	3,993	1,244	164	52
ALABAMA	1,193	561	111	46
MISSISSIPPI	2,232	597	-	-
LOUISIANA	1,023	535	3,741	1,621
TEXAS	4,526	1,728	199	109
TOTAL	12,967	4,665	4,215	1,828
GRAND TOTAL	28,712	15,010	14,684	9,618

SUMMARY OF OYSTER LANDINGS BY SPECIES, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	QUANTITY	VALUE
EASTERN:		
PUBLIC	28,712	15,010
PRIVATE 1/	14,697	9,659
TOTAL	43,409	24,669
PACIFIC	7,779	2,600
WESTERN	35	104
GRAND TOTAL	51,223	27,373

1/ EASTERN PRIVATE, INCLUDES 13,000 POUNDS OF OYSTERS, VALUED AT $41,000 HARVESTED IN CALIFORNIA.

U. S. SHRIMP FISHERY

U.S. shrimp landings were 239.0 million pounds valued at a record $96.3 million--a decline of 4.6 million pounds but an increase of $13.9 million compared with the previous year. The Gulf States accounted for 179.2 million pounds (75 percent of the total); Pacific Coast States, 34.4 million (14 percent); South Atlantic, 21.5 million (9 percent); and the New England States, 3.9 million pounds (2 percent). A negligible amount was taken in the Mississippi River States and Hawaii. The Gulf and South Atlantic States landings were 16.0 and 4.7 million pounds less, respectively, than in 1965. New England landings (principally Maine) increased 1.8 million pounds compared with the previous year. Pacific coast landings were up 14.3 million pounds, with most of the increase occurring in Alaska where production reached a record 28.2 million pounds--up 11.4 million from the previous year.

The otter trawl fleet took 232.6 million pounds--97 percent of the total. An additional 6.4 million pounds were taken by haul seines, bag nets, beam trawls, butterfly nets, pots and traps, cast nets and brush traps.

There were 16,797 fishermen, 3,742 vessels, and 5,757 motor boats employed in the shrimp otter trawl fishery. Texas led in the number of vessels (5 net tons or over) with 1,409. Louisiana, second in number of vessels with 1,342, led in number of boats with 3,261. There were 2,767 vessels (74 percent) double-rigged; that is equipped to fish with 2 otter trawls simultaneously.

SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1966

GROSS TONNAGE	NEW ENGLAND		SOUTH ATLANTIC				
	MAINE	TOTAL, EXCLUSIVE OF DUPLICATION	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9.	-	-	111	21	21	-	145
10 - 19.	8	8	54	59	58	34	180
20 - 29.	15	15	34	34	61	33	134
30 - 39.	6	6	32	27	78	66	157
40 - 49.	3	3	38	31	46	75	139
50 - 59.	2	2	18	7	20	35	59
60 - 69.	-	-	7	5	22	33	50
70 - 79.	-	-	3	3	3	15	19
80 - 89.	-	-	2	-	3	[illegible]	7
90 - 99.	-	-	2	-	-	[illegible]	[illegible]
100 - 109.	-	-	-	-		2	2
110 - 119.	-	-	-		-	1	1
120 - 129.	-	-	-		-		1
130 - 139.	-	-	-	-	[illegible]	-	[illegible]
TOTAL VESSELS	34	34	301	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL GROSS TONNAGE .	922	922	7,136	5,018	[illegible]	[illegible]	[illegible]

GROSS TONNAGE	GULF					
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9.	38	30	7	41	22	122
10 - 19.	89	88	62	235	138	512
20 - 29.	41	42	83	166	83	318
30 - 39.	134	56	71	167	124	370
40 - 49.	152	45	58	176	161	374
50 - 59.	78	29	38	141	154	264
60 - 69.	217	28	51	231	392	531
70 - 79.	69	24	19	113	191	239
- 89.	22	3	9	32	52	73
- 99.	40	9	7	23	66	93

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1966 - Continued

GROSS TONNAGE	GULF					
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
100 - 109.	3	-	3	9	16	23
110 - 119.	2	3	1	2	5	9
120 - 129.	1	6	-	4	4	9
130 - 139.	-	3	-	2	-	3
160 - 169.	-	-	-	-	1	1
190 - 199.	-	-	1	-	-	1
TOTAL VESSELS	886	366	410	1,342	1,409	2,942
TOTAL GROSS TONNAGE	43,682	14,050	16,835	59,007	77,348	132,149

GROSS TONNAGE	SOUTH ATLANTIC AND GULF	PACIFIC					GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	TOTAL, EXCLUSIVE OF DUPLICATION	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9.	266	-	-	-	-	-	266
10 - 19.	687	-	-	3	6	7	702
20 - 29.	440	1	-	13	10	18	473
30 - 39.	478	4	1	5	2	11	495
40 - 49.	459	1	1	3	2	5	467
50 - 59.	299	1	-	2	1	4	305
60 - 69.	555	4	-	-	-	4	559
70 - 79.	247	1	-	1	-	2	249
80 - 89.	77	1	-	-	-	1	78
90 - 99.	98	-	-	-	-	-	98
100 - 109.	24	1	-	1	-	2	26
110 - 119.	9	-	-	-	-	-	9
120 - 129.	9	-	-	-	-	-	9
130 - 139.	4	-	-	-	-	-	4
160 - 169.	1	-	-	-	-	-	1
190 - 199.	1	-	-	-	-	-	1
TOTAL VESSELS	3,654	14	2	28	21	54	3,742
TOTAL GROSS TONNAGE	151,089	757	75	957	538	2,032	154,043

SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1966

AREA AND STATE	BOAT FISHERY				
	BOATS	FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE.	40	40	21	40	792
NEW HAMPSHIRE.	1	2	-	1	20
TOTAL, EXCLUSIVE OF DUPLICATION . . .	41	42	21	41	812
SOUTH ATLANTIC:					
NORTH CAROLINA	564	295	371	580	6,685
SOUTH CAROLINA	29	58	-	29	580
GEORGIA.	296	241	215	296	3,752
FLORIDA, EAST COAST. . .	21	38	-	24	297
TOTAL, EXCLUSIVE OF DUPLICATION . . .	910	632	586	929	11,314
GULF:					
FLORIDA, WEST COAST. . .	98	142	24	99	1,281
ALABAMA.	203	311	43	203	3,900
MISSISSIPPI.	380	178	285	380	3,680
LOUISIANA.	3,261	2,919	1,220	3,305	42,016
TEXAS.	861	772	406	861	9,149
TOTAL, EXCLUSIVE OF DUPLICATION . . .	4,797	4,312	1,978	4,842	59,942

(CONTINUED ON NEXT PAGE)

SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1966 - Continued

AREA AND STATE	BOATS	BOAT FISHERY			
		FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	5,707	4,944	2,564	5,771	71,256
PACIFIC:					
ALASKA.	4	16	-	4	60
CALIFORNIA.	5	16	-	5	75
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	9	32	-	9	135
GRAND TOTAL, EXCLUSIVE OF DUPLICATION. . . .	5,757	5,018	2,585	5,821	72,203

AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND, MAINE.	34	922	76	34	492
SOUTH ATLANTIC:					
NORTH CAROLINA.	301	7,136	647	513	7,876
SOUTH CAROLINA.	187	5,018	384	365	7,190
GEORGIA	314	10,430	623	597	8,594
FLORIDA, EAST COAST . . .	305	13,399	659	596	9,001
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	903	28,132	1,881	1,672	26,856
GULF:					
FLORIDA, WEST COAST . . .	386	43,682	2,140	1,664	25,912
ALABAMA	366	14,050	882	598	9,730
MISSISSIPPI	410	16,835	1,020	665	10,878
LOUISIANA	1,342	59,007	3,524	2,354	37,289
TEXAS	1,409	77,348	3,787	2,646	41,697
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	2,942	132,149	7,466	5,127	81,530
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	3,654	151,089	8,928	6,421	102,763
PACIFIC:					
ALASKA.	14	757	56	14	210
WASHINGTON.	2	75	6	2	38
OREGON.	28	957	89	28	532
CALIFORNIA.	21	538	80	21	315
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	54	2,032	190	54	930
GRAND TOTAL, EXCLUSIVE OF DUPLICATION. . . .	3,742	154,043	9,194	6,509	104,185

AREA AND STATE	TOTAL (BOAT AND VESSEL FISHERY)			
	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS	
	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:				
MAINE	74	137	74	1,284
NEW HAMPSHIRE	1	2	1	20
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	75	139	75	1,304
SOUTH ATLANTIC:				
NORTH CAROLINA.	865	1,313	1,093	14,561
SOUTH CAROLINA.	216	442	394	7,770
GEORGIA	610	1,079	893	12,346
FLORIDA, EAST COAST . . .	326	697	620	9,298
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	1,813	3,099	2,601	38,170
GULF:				
FLORIDA, WEST COAST . . .	984	2,306	1,763	27,193
ALABAMA	569	1,236	801	13,630
MISSISSIPPI	790	1,483	1,045	14,558
LOUISIANA	4,603	7,663	5,659	79,305
TEXAS	2,270	4,965	3,507	50,846
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	7,739	13,756	9,969	141,472
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	9,361	16,436	12,192	174,019
PACIFIC:				
ALASKA.	18	72	18	270
WASHINGTON.	2	6	2	38
OREGON.	28	89	28	532
CALIFORNIA.	26	96	26	390
TOTAL, EXCLUSIVE OF DUPLICATION. . . .	63	222	63	1,065
GRAND TOTAL, EXCLUSIVE OF DUPLICATION. . . .	9,499	16,797	12,330	176,388

SUMMARY OF SHRIMP LANDINGS, 1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HAUL SEINES		BAG NETS		BUTTERFLY NETS		BEAM TRAWLS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SOUTH ATLANTIC:								
NORTH CAROLINA	-	-	631	245	-	-	-	-
SOUTH CAROLINA	1	1	-	-	-	-	-	-
TOTAL	1	1	631	245	-	-	-	-
GULF, LOUISIANA	-	-	-	-	1,856	490	-	-
PACIFIC:								
ALASKA	-	-	-	-	-	-	3,785	190
WASHINGTON	-	-	-	-	-	-	8	3
TOTAL	-	-	-	-	-	-	3,793	193
GRAND TOTAL	1	1	631	245	1,856	490	3,793	193

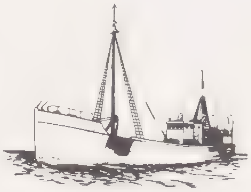
AREA AND STATE	OTTER TRAWLS		POTS AND TRAPS		CAST NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	3,831	542	-	-	-	-
NEW HAMPSHIRE	40	5	-	-	-	-
MASSACHUSETTS	23	3	-	-	-	-
TOTAL	3,894	550	-	-	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA	5,066	2,321	-	-	-	-
SOUTH CAROLINA	4,192	2,152	-	-	70	28
GEORGIA	6,476	3,341	-	-	-	-
FLORIDA, EAST COAST	5,039	2,726	-	-	-	-
TOTAL	20,773	10,540	-	-	70	28
GULF:						
FLORIDA, WEST COAST	28,879	12,427	-	-	-	-
ALABAMA	10,608	4,920	-	-	-	-
MISSISSIPPI	7,560	2,751	-	-	-	-
LOUISIANA	60,413	23,898	(1)	(1)	-	-
TEXAS	69,907	38,485	-	-	-	-
TOTAL	177,367	82,481	(1)	(1)	-	-
PACIFIC:						
ALASKA	24,383	1,097	25	1	-	-
WASHINGTON	283	22	42	24	-	-
OREGON	4,684	484	-	-	-	-
CALIFORNIA	1,228	135	-	-	-	-
TOTAL	30,578	1,738	67	25	-	-
MISSISSIPPI RIVER AND TRIBUTARIES	-	-	8	2	-	-
GRAND TOTAL	232,612	95,309	75	27	70	28

AREA AND STATE	BRUSH TRAPS		UNCLASSIFIED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	-	-	3,831	542
NEW HAMPSHIRE	-	-	-	-	40	5
MASSACHUSETTS	-	-	-	-	23	3
TOTAL	-	-	-	-	3,894	550
SOUTH ATLANTIC:						
NORTH CAROLINA	-	-	-	-	5,697	2,566
SOUTH CAROLINA	-	-	-	-	4,263	2,181
GEORGIA	-	-	-	-	6,476	3,341
FLORIDA, EAST COAST	-	-	-	-	5,039	2,726
TOTAL	-	-	-	-	21,475	10,814
GULF:						
FLORIDA, WEST COAST	-	-	-	-	28,879	12,427
ALABAMA	-	-	-	-	10,608	4,920
MISSISSIPPI	-	-	-	-	7,560	2,751
LOUISIANA	7	2	-	-	62,276	24,390
TEXAS	-	-	-	-	69,907	38,485
TOTAL	7	2	-	-	179,230	82,973
PACIFIC:						
ALASKA	-	-	-	-	28,193	1,288
WASHINGTON	-	-	-	-	333	49
OREGON	-	-	-	-	4,684	484
CALIFORNIA	-	-	-	-	1,228	135
TOTAL	-	-	-	-	34,438	1,956
MISSISSIPPI RIVER AND TRIBUTARIES	-	-	-	-	8	2
HAWAII	-	-	1	1	1	1
GRAND TOTAL	7	2	1	1	239,046	96,296

1/ LESS THAN 500 POUNDS OR $500.

U. S. FISH OTTER TRAWL FLEET, 1966

The following tables contain information on the U.S. fish otter trawl fleet. The data include detailed information on the operating units in this fishery and a breakdown of vessels by area, State, and gross tonnage. The fish otter trawl fleet employed 5,232 fishermen on 1,221 vessels (craft of 5 net tons or more) and 123 boats. Forty-three vessels used two trawls, which brought the total number of trawls in use to 1,264.



SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1966

GROSS TONNAGE	NEW ENGLAND				
	MAINE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	2	-	-	2
10 - 19	14	34	13	3	63
20 - 29	19	30	15	5	64
30 - 39	11	47	13	5	67
40 - 40	7	38	14	1	49
50 - 59	5	36	4	1	40
60 - 69	2	38	4	1	41
70 - 79	5	38	8	-	46
80 - 89	-	20	1	-	21
90 - 99	-	13	1	-	14
100 - 109	1	10	1	-	11
110 - 119	-	19	-	-	19
120 - 129	-	9	-	-	9
130 - 139	1	11	-	-	11
140 - 149	-	5	-	-	5
150 - 159	-	14	-	-	14
160 - 169	4	8	-	-	9
170 - 179	1	7	-	-	8
180 - 189	-	2	-	-	2
190 - 199	3	5	1	-	8
200 - 209	-	1	-	-	1
210 - 219	-	3	-	-	3
220 - 229	-	3	-	-	3
230 - 239	1	2	-	-	3
240 - 249	1	3	-	-	3
250 - 259	-	2	-	-	2
260 - 269	-	2	-	-	2
290 - 299	-	2	-	-	2
300 - 309	2	-	-	-	2
310 - 319	2	-	-	-	2
320 - 329	2	-	-	-	2
440 - 449	-	2	-	-	2
450 - 459	-	1	-	-	1
TOTAL VESSELS	81	407	75	16	531
TOTAL GROSS TONNAGE	6,109	32,977	3,130	490	[illegible]

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1966 - Continued

GROSS TONNAGE	MIDDLE ATLANTIC				CHESAPEAKE		
	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	6	13	-	19	-	-	-
10 - 19	38	26	-	63	6	7	13
20 - 29	38	20	-	57	5	6	10
30 - 39	28	18	1	44	4	8	11
40 - 49	8	19	-	25	3	5	7
50 - 59	10	15	-	22	2	8	8
60 - 69	5	9	-	10	-	7	7
70 - 79	11	17	-	22	1	11	12
80 - 89	2	7	-	8	-	2	2
90 - 99	1	1	-	1	-	-	-
100 - 109	3	1	-	3	-	1	1
110 - 119	2	5	-	5	1	5	6
120 - 129	2	-	-	2	-	2	2
130 - 139	-	-	-	-	-	1	1
140 - 149	1	2	-	2	-	1	1
150 - 159	1	-	-	1	-	1	1
160 - 169	-	-	-	-	-	1	1
190 - 199	2	1	-	3	-	-	-
TOTAL VESSELS . . .	158	154	1	287	22	66	83
TOTAL GROSS TONNAGE	6,235	6,923	34	11,430	779	4,137	4,716

GROSS TONNAGE	SOUTH ATLANTIC	GULF			PACIFIC	
	NORTH CAROLINA, TOTAL, EXCLUSIVE OF DUPLICATION	MISSISSIPPI	LOUISIANA	TOTAL, EXCLUSIVE OF DUPLICATION	WASHINGTON	OREGON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	8	-	-	-	1	1
10 - 19	11	6	1	7	9	-
20 - 29	10	20	2	20	13	7
30 - 39	19	17	3	19	19	9
40 - 49	23	8	1	8	26	16
50 - 59	11	4	-	4	14	7
60 - 69	8	7	-	7	8	2
70 - 79	5	5	-	5	6	1
80 - 89	3	1	1	2	6	2
90 - 99	1	1	3	4	2	1
100 - 109	1	-	-	-	2	1
110 - 119	-	2	-	2	3	-
120 - 129	3	-	-	-	-	-
150 - 159	-	1	-	1	-	-
190 - 199	-	-	-	-	-	1
TOTAL VESSELS . . .	103	72	11	79	[1]119	[1]48
TOTAL GROSS TONNAGE	4,455	3,129	578	3,576	6,217	2,339

SEE FOOTNOTES AT END OF TABLE.

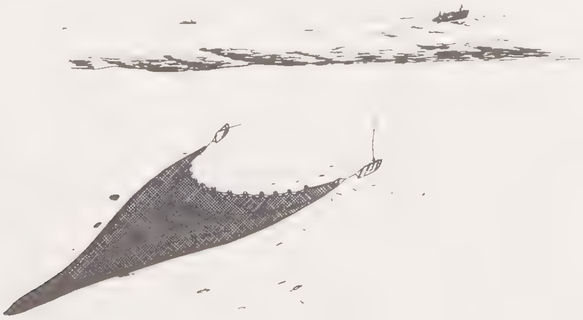
(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1966 - Continued

GROSS TONNAGE	PACIFIC - CONTINUED		GREAT LAKES	GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	4	-	32
10 - 19	7	24	6	182
20 - 29	20	40	2	197
30 - 39	19	37	1	179
40 - 49	8	55	4	165
50 - 59	4	26	-	96
60 - 69	7	12	-	73
70 - 79	5	12	1	77
80 - 89	2	9	-	38
90 - 99	4	4	-	23
100 - 109	2	6	-	20
110 - 119	-	5	-	34
120 - 129	-	-	-	12
130 - 139	-	-	-	12
140 - 149	-	-	-	6
150 - 159	1	-	-	16
160 - 169	-	-	-	10
170 - 179	-	-	-	8
180 - 189	-	1	-	3
190 - 199	-	- 1	-	10
200 - 209	-	-	-	1
210 - 219	-	-	-	3
220 - 229	-	-	-	3
230 - 239	-	-	-	3
240 - 249	-	-	-	3
250 - 259	-	-	-	2
260 - 269	-	-	-	2
290 - 299	-	-	-	2
300 - 309	-	-	-	2
310 - 319	-	-	-	2
320 - 329	-	-	-	2
440 - 449	-	-	-	2
450 - 459	-	-	-	1
TOTAL VESSELS	79	225	2/14	1,221
TOTAL GROSS TONNAGE	3,576	9,813	407	67,911

1/ INCLUDES MID-WATER TRAWLS.

2/ INCLUDES 2 VESSELS OPERATED IN LAKE WINNEBAGO, 1 OF WHICH ALSO OPERATED IN THE GREAT LAKES.



FISH OTTER TRAWL

SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1966

AREA AND STATE	BOAT FISHERY				
	BOATS	FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	41	42	27	41	796
MASSACHUSETTS	6	12	-	6	110
RHODE ISLAND	10	12	8	10	164
CONNECTICUT	36	15	37	36	459
TOTAL, EXCLUSIVE OF DUPLICATION	93	81	72	93	1,529
MIDDLE ATLANTIC:					
NEW YORK	9	12	3	9	164
NEW JERSEY	6	12	-	6	78
DELAWARE	1	2	-	1	20
TOTAL, EXCLUSIVE OF DUPLICATION	16	26	3	16	262
CHESAPEAKE:					
MARYLAND	1	2	-	1	22
VIRGINIA	1	2	-	1	14
TOTAL, EXCLUSIVE OF DUPLICATION	2	4	-	2	36
SOUTH ATLANTIC, NORTH CAROLINA	4	6	-	4	50
PACIFIC, CALIFORNIA	7	21	-	7	182
GREAT LAKES 2/	1	3	-	1	13
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	123	141	75	123	2,072

AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	81	6,109	285	81	1,654
MASSACHUSETTS	407	32,977	2,535	407	11,101
RHODE ISLAND	75	3,130	253	75	1,957
CONNECTICUT	16	490	36	16	366
TOTAL, EXCLUSIVE OF DUPLICATION	531	39,670	2,912	531	13,923
MIDDLE ATLANTIC:					
NEW YORK	158	6,235	420	158	3,704
NEW JERSEY	154	6,923	508	154	3,731
DELAWARE	1	34	2	1	20
TOTAL, EXCLUSIVE OF DUPLICATION	287	11,430	826	287	6,773
CHESAPEAKE:					
MARYLAND	22	779	65	22	555
VIRGINIA	66	4,137	282	66	1,812
TOTAL, EXCLUSIVE OF DUPLICATION	83	4,716	328	83	2,252
SOUTH ATLANTIC, NORTH CAROLINA	103	4,455	289	130	3,101

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1966 - Continued

AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	GROSS TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
GULF:					
MISSISSIPPI	72	3,129	168	97	1,792
LOUISIANA	11	578	26	15	250
TOTAL, EXCLUSIVE OF DUPLICATION.	79	3,576	186	108	1,98[illegible]
PACIFIC:					
WASHINGTON 1/	119	6,217	424	119	2,714
OREGON 1/	48	2,239	171	48	1,0[illegible]
CALIFORNIA.	81	2,969	314	81	2,1[illegible]2
TOTAL, EXCLUSIVE OF DUPLICATION 1/ . . .	236	10,913	866	236	5,6[illegible]
GREAT LAKES 2/.	14	407	35	14	[illegible]
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	1,221	67,911	5,016	1,264	30,5[illegible]4

AREA AND STATE	TOTAL (BOAT AND VESSEL FISH[illegible]			
	BOATS AND VESSELS	FISHERMEN		
	NUMBER	NUMBER	NUMBER	
NEW ENGLAND:				
MAINE	122	354	122	[illegible]
MASSACHUSETTS	413	2,547	413	[illegible]
RHODE ISLAND.	85	273	85	[illegible]
CONNECTICUT	52	86	52	[illegible]
TOTAL, EXCLUSIVE OF DUPLICATION	624	3,065	624	15,452
MIDDLE ATLANTIC:				
NEW YORK.	167	435	167	[illegible]
NEW JERSEY.	160	520	160	3,609
DELAWARE.	2	4	2	40
TOTAL, EXCLUSIVE OF DUPLICATION.	303	855	303	7,035
CHESAPEAKE:				
MARYLAND.	23	67	23	577
VIRGINIA.	67	284	67	1,[illegible]26
TOTAL, EXCLUSIVE OF DUPLICATION.	85	332	85	2,288
SOUTH ATLANTIC, NORTH CAROLINA	107	295	134	3,151
GULF:				
MISSISSIPPI	72	168	97	1,792
LOUISIANA	11	26	15	2[illegible]
TOTAL, EXCLUSIVE OF DUPLICATION.	79	186	108	1,9[illegible]8
PACIFIC:				
WASHINGTON 1/	119	424	119	2,[illegible]
OREGON 1/	48	171	48	1[illegible]
CALIFORNIA.	88	335	88	2,[illegible]
TOTAL, EXCLUSIVE OF DUPLICATION 1/ . . .	243	973	243	5,[illegible]60
GREAT LAKES 2/.	15	38	15	290
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	[illegible]	[illegible]		

1/ INCLUDES MID-WATER TRAWLS.

2/ INCLUDES 2 VESSELS OPERATED IN LAKE WINNEBAGO, 1 OF WHICH ALSO FISHED THE GREAT LAKES.

SECTION 13

HISTORICAL FISHERY STATISTICS

Statistics of the fisheries of the United States are necessary for the best use of the Nation's aquatic resources. As series of data for extended periods of time are accumulated, the information becomes increasingly more valuable in indicating trends in the supply and utilization of fishery products. The extent to which these data are used is frequently dependent upon the ready availability of needed information to researchers, management officials, and members of the fishing industry.

The Bureau of Commercial Fisheries has in its files and in various Bureau reports or publications of other organizations a large volume of historical data. These statistics would be of considerable use to researchers and others interested in the fisheries. Unfortunately, few know of these records. To make the series readily available to researchers and others interested in the fisheries, a section entitled "Historical Fishery Statistics" has been published, since 1951, in "Fishery Statistics of the United States." The titles of the series published, and the identifying number of the Digest in which each appears, follows:

	Published in Statistical Digest	Revised and updated in Statistical Digest
	Number	Number
Menhaden Fishery	30	59
Oyster Fishery	34	59
Pacific Sardine Fishery	36	59
Atlantic Ocean Perch Fishery	39	59
Pacific Herring Fishery	41	59
United States Haddock Fishery	43	59
United States Tuna Fishery	44	59
United States Atlantic Cod Fishery	49	-
Fur Seal Industry of the Pribilof Islands	51	-
Eastern Pacific Halibut Fishery	53	-
California Mackerel Fisheries	54	-
Atlantic Mackerel Fishery	56	-
Commercial Fisheries of the Great Lakes	57	60
Potomac River Alewife Fishery; Hudson River and Potomac River Shad Fishery	58	59
United States Shrimp Fishery	59	-
United States Lobster Fishery	59	-
Atlantic Ocean Herring Fishery	59	-
Alaska Salmon Fishery	60	-
United States Clam Fishery	60	-
Vessels Documented as Fishing Craft	60	-

The following pages include historical data on the Alaska salmon fishery, United States clam fishery, vessels documented as fishing craft, and revised and updated data for the commercial fisheries of the Great Lakes.

HISTORICAL FISHERY STATISTICS

ALASKA SALMON FISHERY

The U.S. salmon industry of Alaska began with the purchase of Alaska from Russia in 1867. For nearly 100 years, salmon has been the most important product of Alaska. It is estimated that the total value of all salmon products manufactured in Alaska since its purchase is about $3.0 billion--a sum over 400 times the $7.2 million purchase price.

At the time of the purchase, pickling was the only method of salmon preservation used commercially in Alaska. It remained the principal salmon product until 1880, when canning took over first place. Salmon canning first came to Alaska in 1878, when the North Pacific Trading and Packing Company erected a plant at Klawak on the west coast of Prince of Wales Island. From this small beginning the canning industry grew until, by 1899, the annual pack exceeded 1 million cases, and in 1936 reached a peak of 8.4 million cases. From 1878 to 1966, a total of 283.5 million standard cases of salmon (13.6 billion pounds) was packed in Alaska. This was 76 percent of the total U.S. pack since canning began in 1864 on the Sacramento River in California.

Production of mild-cured salmon began a few years prior to the turn of the century and has continued to be an important product. Packed largely from troll-caught, red-fleshed king salmon, the product is an intermediate, or half-finished product, since most of the fish are used to make smoked salmon. Markets in New York, Philadelphia, Chicago and Miami absorb a considerable part of the pack. Peak production occurred in 1941 when 8.1 million pounds were packed. During the years 1960-65 production averaged slightly under 2 million pounds annually.

With the development of cold-storage facilities, freezing of salmon began and usually accounts for an annual production of from 10 to 15 million pounds. In recent years, shipments of fresh salmon have been made to markets in the lower 48 States, and in 1964 about 16 million pounds of Prince William Sound salmon, mostly pinks, were sold to Japanese freezer ships for shipment to Japan.

A relatively new market has recently been developed for salmon eggs, which are in great demand for caviar and for bait.

Five species of salmon occur in Alaska, and all are important commercially. Although the species differ in many characteristics, they possess similar life histories in that (1) they are anadromous, that is, they mature in the sea but return to fresh water to spawn; (2) they possess a homing instinct and return to the same stream or locality where they were hatched; and (3) they spawn only once and die shortly thereafter.

Chinook or king. Taken principally by Alaska fishermen in southeastern Alaska, chinook or king is the largest of the salmon, with occasional specimens weighing over 100 pounds. The average, however, is about 18 pounds. The annual catch has ranged from 5.9 million pounds in 1906 to 20.4 million pounds in 1937, with a 1906-66 average of 12.7 million pounds. Substantial quantities of chinook salmon are canned and mild-cured, but the major portion of the catch is marketed fresh and frozen.

Chum. Chum salmon support large fisheries, but the meat, pale in color, is generally regarded of lower value than that of the other species. The nutritional value of chums, however, is practically on a par with the other salmon and the fish are used for freezing as well as for canning. Chum salmon occur in the same general areas and at the same time as pink and are caught with the same gear. They weigh from 3 to 45 pounds at maturity, with an average of 8 to 9 pounds. Since 1906 the catch has ranged from 9.1 million pounds in 1909 to 101.5 million pounds in 1918, with an average of 52.5 million pounds. Normally, the catch of chum salmon is well under that of the leading species--pink and red salmon. However, in 1957 the catch exceeded that of pink salmon, and in 9 years it exceeded the red salmon production. In no year, however, has chum salmon occupied first place in salmon landings.

Pink. Pink salmon are the smallest of the Alaska salmon, ranging from 2 to 9 pounds in weight, with an average of about 4 pounds. In numbers caught, pink salmon usually exceed red salmon, but they are not valued as highly because their color is paler and the flesh is not as rich in oil.

Nearly all of the catch is canned. Since 1906, when data first became available on the Alaska catch by species, the pink salmon catch has ranged from 30.6 million pounds in 1906 to 345.2 million pounds in 1941, with an average of 142.7 million pounds. The low 1906 production was due, no doubt, to a lack of interest in the fish by canners; however, pinks are noted for wide fluctuations in abundance and, in 1959, when there was strong demand for the fish, only 48.1 million pounds were taken.

Red or sockeye. Red or sockeye salmon is the most valuable species taken in Alaska because of the large numbers harvested and the high value of the flesh, which is rich in oil and firm in texture. The fish range in weight from less than 5 to over 7 pounds, but average about 5.5 pounds. Nearly the entire catch is canned.

Red salmon are taken principally in western Alaska, but are also found in abundance in the central region. Since 1906 the catch has ranged from a low of 34.7 million pounds in 1958 to a high of 195.7 in 1918, with an average of 110.8 million pounds.

Silver. Silver salmon is one of the minor species of salmon taken in Alaska, although the catch is somewhat more than that of king salmon. Like king salmon, the catch tends more and more to be marketed fresh and frozen. Substantial quantities still are canned but in recent years nearly half the catch has been disposed of in the fresh and frozen trade. The fish weigh from 3 to 30 pounds at maturity, with an average of about 8 pounds. Since 1906 the catch has ranged from a low of 5.1 million pounds in 1909 to a high of 33.2 million in 1945, with an average for the period of 17.6 million pounds.

New and revised historical statistics on the commercial salmon fisheries of Alaska are shown in the following tables. Figures on the catch in pounds have not previously been assembled for the years from 1868 to 1926, inclusive. Data on the catch as reported in pounds for the years from 1927 to 1957, inclusive, have been extensively revised because during most of this period constant conversion factors were used to convert from numbers of fish to pounds of fish. These conversion factors were 6 pounds for red (sockeye); and 4 pounds for pink salmon for most years during this period. Data assembled since 1957 indicate that the average weight of red salmon has varied from 4.7 to 6.5 pounds and for pink salmon from 3.2 to 4.8 pounds. Data on the number of each species of fish used for canning and the resulting number of cases canned provided a means of estimating the average weight of fish taken each year. These data were the basis for calculating the catch in pounds for the years from 1868 to 1926 and for revising the catch from 1927 to 1957. From these figures it is believed possible to obtain the weight of red, pink, and chum salmon landings with a relatively high degree of accuracy. These weights are undoubtedly more accurate than the constant conversion factors used in many of the years from 1927 to 1957.

Using the new weights for red, pink, and chum salmon, revised catch figures in pounds were prepared. The figures show that the poundage previously reported was frequently considerably higher than the actual catch--particularly in the years when large runs occurred and fish were below average size. For instance, the revised method indicates that the weight of the Alaska salmon catch in 1936 and 1937 was about 80 million pounds less than the figures published for these years.

The weights for kings and cohos were obtained by using the factor of 72 pounds of round fish to pack a standard case ("Principles and Methods in the Canning of Fishery Products" by Norman D. Jarvis, 1943, page 134.)

The pounds used for canning were computed by multiplying the number of cases times 72 (pounds of fish required to pack a case). Average weights were then obtained by dividing total pounds canned by numbers of fish as reported in "Alaska Fishery and Fur Seal Industries."

The computed number of fish per case was obtained by dividing the number of fish used for canning by the number of cases. The total landed weight of both kings and cohos is the result of multiplying the total number of each species caught by the new average weights for each species.

Figures on disposition of the catch have been converted to a round weight basis by using the following factors: Pickled salmon, 332 pounds per barrel; pickled salmon bellies, 600 pounds per barrel; mild-cured salmon, 1,300 pounds per tierce; dry-salted salmon, 2.5 times dried weight; and canned salmon, 72 pounds per case.

Data for 1868-1905 are based on statistics appearing in "Pacific Salmon Fisheries," by John N. Cobb, U.S. Bureau of Fisheries Document No. 902, Appendix I, Report, U.S. Commissioner of Fisheries, 1921; and for 1906-1956, "Alaska Fishery and Fur Seal Industries" and its predecessor publications. Data for 1957-1966 are from "Fishery Statistics of the United States".

HISTORICAL FISHERY STATISTICS

ALASKA SALMON LANDINGS, 1868-1966

(MILLIONS OF POUNDS)

YEAR	QUANTITY	YEAR	QUANTITY
1868.	.7	1918.	[illegible]
1869.	[illegible]	1919.	[illegible]
1870.	.6	1920.	[illegible]
1871.	.2	1921.	[illegible]
1872.	.3	1922.	[illegible]
1873.	.3	1923.	[illegible]
1874.	.5	1924.	[illegible]
1875.	.4	1925.	[illegible]
1876.	.6	1926.	[illegible]
1877.	.6	1927.	[illegible]
1878.	1.3	1928.	466.9
1879.	2.1	1929.	411.4
1880.	1.9	1930.	[illegible]
1881.	1.2	1931.	414.7
1882.	3.5	1932.	405.9
1883.	5.9	1933.	398.9
1884.	6.7	1934.	565.6
1885.	7.1	1935.	398.8
1886.	11.8	1936.	643.7
1887.	16.2	1937.	513.1
1888.	32.8	1938.	527.8
1889.	53.9	1939.	407.1
1890.	55.1	1940.	[illegible]
1891.	60.7	1941.	526.1
1892.	40.0	1942.	[illegible]
1893.	54.3	1943.	[illegible]
1894.	60.1	1944.	[illegible]
1895.	49.8	1945.	[illegible]
1896.	72.8	1946.	[illegible]
1897.	[illegible]	1947.	[illegible]
1898.	77.5	1948.	[illegible]
1899.	[illegible]	1949.	[illegible]
1900.	[illegible]	1950.	[illegible]
1901.	[illegible]	1951.	[illegible]
1902.	[illegible]	1952.	[illegible]
1903.	[illegible]	1953.	[illegible]
1904.	[illegible]	1954.	[illegible]
1905.	[illegible]	1955.	[illegible]
1906.	[illegible]	1956.	[illegible]
1907.	[illegible]	1957.	[illegible]
1908.	[illegible]	1958.	[illegible]
1909.	[illegible]	1959.	[illegible]
1910.	[illegible]	1960.	[illegible]
1911.	[illegible]	1961.	[illegible]
1912.	[illegible]	1962.	[illegible]
1913.	[illegible]	1963.	[illegible]
1914.	[illegible]	1964.	[illegible]
1915.	[illegible]	1965.	[illegible]
1916.	[illegible]	1966.	[illegible]
1917.	[illegible]		

NOTE:--DATA ON THE VOLUME OF LANDINGS IN POUNDS FOR THE YEARS FROM 1886 TO 1927 ARE PUBLISHED FOR THE FIRST TIME. FIGURES FOR THE YEARS FROM 1928 TO 1957, INCLUSIVE, HAVE BEEN REVISED.

SILVER SALMON

ALASKA SALMON LANDINGS BY SPECIES, 1906-66

(MILLIONS OF POUNDS)

YEAR	SOUTHEASTERN ALASKA						CENTRAL ALASKA					
	CHINOOK (KING)	CHUM (KETA)	PINK	RED (SOCKEYE)	SILVER (COHO)	TOTAL	CHINOOK (KING)	CHUM (KETA)	PINK	RED (SOCKEYE)	SILVER (COHO)	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1906	3.1	12.8	28.9	16.3	6.2	67.3	.7	-	.2	32.8	.7	34.4
1907	3.1	10.8	46.0	13.2	4.9	78.0	1.5	-	.8	37.8	1.9	42.0
1908	3.4	13.3	48.8	13.7	3.9	83.1	1.0	-	2.4	32.6	1.3	37.3
1909	6.2	6.4	34.9	19.7	3.1	70.3	1.2	-	.5	29.4	1.5	32.6
1910	7.7	16.7	36.8	18.9	6.1	86.2	1.2	(1)	2.5	27.6	1.5	32.8
1911	6.7	20.8	73.1	15.9	7.7	124.2	1.3	.6	1.9	31.8	1.5	37.1
1912	7.1	38.5	78.7	18.1	10.0	152.4	1.1	2.8	10.4	32.7	1.6	48.6
1913	9.2	19.0	96.3	12.8	5.1	142.4	1.4	.4	3.8	27.9	1.0	34.5
1914	6.0	43.1	56.5	21.2	8.3	135.1	.9	1.3	14.5	29.1	2.8	48.6
1915	5.6	27.2	134.7	17.1	7.3	191.9	1.7	2.9	3.5	36.3	1.8	46.2
1916	8.1	37.0	98.6	12.9	13.9	170.5	1.6	4.7	27.5	41.4	4.0	79.2
1917	6.0	55.9	161.4	14.8	12.4	250.5	1.6	6.7	10.8	53.1	2.7	74.9
1918	9.9	70.8	153.5	16.2	13.1	263.5	1.2	22.9	29.8	47.7	4.5	106.1
1919	13.2	83.5	113.9	18.5	14.7	243.8	1.2	11.5	6.4	33.1	4.2	56.4
1920	11.0	60.3	75.0	16.2	8.8	171.3	2.0	10.3	38.3	42.4	5.0	98.0
1921	13.1	14.2	33.0	8.2	9.2	77.7	.7	2.5	.5	42.2	.7	46.6
1922	12.2	32.3	100.8	10.8	11.1	167.2	.7	6.6	23.3	38.9	2.9	72.4
1923	11.1	33.2	166.7	12.9	10.9	234.8	.8	5.2	14.5	31.2	2.5	54.2
1924	12.0	58.2	124.1	14.0	9.2	217.5	1.0	13.9	66.4	31.7	5.1	118.1
1925	13.3	61.6	126.4	10.3	8.9	220.5	1.7	14.4	29.9	26.2	5.1	77.3
1926	11.3	45.3	159.8	12.5	11.1	240.0	1.9	17.7	85.0	45.8	7.6	158.0
1927	14.5	16.6	43.6	8.4	12.8	95.9	3.2	18.2	60.5	23.1	10.1	115.1
1928	8.7	42.2	158.8	7.7	18.5	235.9	2.6	27.2	47.6	31.1	11.4	119.9
1929	9.9	21.4	114.3	11.8	11.6	169.0	2.9	35.8	75.9	32.9	5.4	152.9
1930	12.2	21.2	171.2	15.9	16.4	236.9	2.4	20.5	63.6	19.5	13.2	119.2
1931	10.4	20.1	149.5	10.6	10.9	201.5	2.0	13.9	69.6	31.9	6.2	123.6
1932	12.4	42.1	102.1	10.0	11.9	178.5	2.3	10.6	53.6	47.7	4.4	118.6
1933	8.9	30.9	109.4	5.9	11.0	166.1	1.7	15.0	52.2	35.4	4.8	109.1
1934	7.6	28.8	194.3	7.8	18.5	257.0	2.0	22.6	88.8	51.4	5.6	170.4
1935	13.0	39.6	162.8	11.6	14.6	241.6	1.8	21.8	77.3	28.0	3.7	132.6
1936	14.0	57.9	216.8	15.7	16.7	321.1	2.0	21.3	118.8	61.9	6.5	210.5
1937	17.3	37.8	158.6	12.1	10.9	236.7	2.4	13.8	109.7	33.7	3.6	163.2
1938	14.7	36.7	139.9	14.2	20.0	225.5	1.5	18.2	99.7	35.0	5.9	160.3
1939	14.0	22.1	109.6	14.9	9.9	170.5	1.8	17.2	78.3	47.5	2.9	147.7
1940	8.9	35.7	108.3	9.0	19.5	181.4	1.5	25.4	107.2	28.0	8.9	171.0
1941	13.1	23.1	270.1	9.9	14.2	330.4	2.5	24.1	75.1	30.0	11.8	143.5
1942	11.7	44.2	129.9	8.5	19.0	213.3	2.6	23.7	77.8	25.8	13.2	143.1
1943	8.6	52.1	77.0	6.1	15.0	158.8	2.9	14.2	93.9	42.3	5.5	158.8
1944	6.6	53.7	81.1	10.3	14.1	165.8	2.1	20.6	74.2	33.3	7.0	137.2
1945	8.4	25.4	77.8	9.8	25.8	147.2	2.3	24.1	88.6	31.9	7.2	154.1
1946	12.4	31.2	74.4	4.8	19.0	141.8	2.0	18.4	77.6	25.2	7.5	130.7
1947	11.6	19.9	50.7	4.0	13.4	99.6	2.8	14.6	77.2	34.3	6.0	134.9
1948	10.2	30.2	51.0	2.9	18.9	113.2	2.7	22.0	45.8	23.3	5.6	99.4
1949	10.3	18.9	157.4	2.8	18.7	208.1	2.7	15.9	42.9	28.5	4.9	94.9
1950	8.3	37.7	40.0	3.5	14.7	104.2	3.1	17.5	41.3	37.2	7.8	106.9
1951	9.2	35.8	91.2	5.1	26.7	168.0	5.4	16.4	24.7	26.2	5.2	77.9
1952	8.4	39.3	44.0	5.4	13.3	110.4	2.6	28.9	43.0	27.2	5.0	106.7
1953	10.0	31.1	25.9	9.1	11.2	87.3	2.6	24.1	45.1	25.5	2.7	100.0
1954	8.0	43.9	38.7	8.2	18.0	116.8	2.1	27.8	46.2	21.9	5.7	103.7
1955	7.2	13.0	40.3	4.0	10.3	74.8	1.8	11.9	54.1	16.8	3.5	88.1
1956	5.3	22.4	46.9	5.8	8.9	89.3	1.7	27.4	41.0	25.7	3.5	99.3
1957	4.1	28.3	30.6	5.9	8.1	77.0	1.3	31.8	25.0	13.6	2.2	73.9
1958	6.5	30.1	52.6	6.0	8.6	103.8	1.0	26.7	60.0	9.0	3.2	99.9
1959	7.2	12.6	35.8	4.5	8.6	68.7	1.0	14.1	12.2	10.1	2.6	40.0
1960	5.0	10.2	10.5	3.2	5.3	34.2	.8	24.9	39.2	15.3	3.8	84.0
1961	3.0	23.1	63.9	4.8	7.8	102.6	.6	16.2	39.1	18.1	2.9	76.9
1962	3.8	19.5	45.7	4.9	9.6	83.5	.9	30.5	88.4	20.1	4.9	144.8
1963	4.5	12.6	70.1	3.9	11.3	102.4	.7	18.8	54.6	13.8	5.4	93.3
1964	6.6	19.5	71.5	5.5	12.8	115.9	.5	34.7	85.5	18.2	7.5	146.4
1965	5.4	15.0	42.5	6.6	13.6	83.1	.7	12.4	32.4	24.0	3.7	73.2
1966	4.7	28.1	89.9	7.2	10.8	140.7	.5	19.5	64.9	27.3	4.4	116.6

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

ALASKA SALMON LANDINGS BY SPECIES, 1906-66 - Continued

(MILLIONS OF POUNDS)

YEAR	WESTERN						TOTAL					
	CHINOOK (KING)	CHUM (KETA)	PINK	RED (SOCKEYE)	SILVER (COHO)	TOTAL	CHINOOK (KING)	CHUM (KETA)	PINK	RED (SOCKEYE)	SILVER (COHO)	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1906	2.1	9.0	1.5	62.4	1.2	76.2	5.9	21.8	30.6	111.5	8.1	177.9
1907	2.5	3.2	1.4	53.1	.8	61.0	7.1	14.0	48.2	104.1	7.6	181.0
1908	1.6	2.8	1.5	91.0	.6	97.5	6.0	16.1	52.7	137.3	5.8	217.9
1909	2.4	2.7	.2	88.2	.5	94.0	9.8	9.1	35.6	137.3	5.1	196.9
1910	1.7	1.6	2.3	64.1	.8	70.5	10.6	18.3	41.6	110.6	8.4	189.5
1911	2.2	2.0	.5	49.7	1.1	55.5	10.2	23.4	75.5	97.4	10.3	216.8
1912	1.7	2.8	7.0	95.6	1.2	108.3	9.9	44.1	96.1	146.4	12.8	309.3
1913	1.5	2.0	2.5	112.0	.6	118.6	12.1	21.4	102.6	152.7	6.7	295.5
1914	2.0	3.5	2.1	116.5	.6	124.7	8.9	47.9	73.1	166.8	11.7	308.4
1915	3.0	5.0	.7	89.3	.7	98.7	10.3	35.1	138.9	142.7	9.8	336.8
1916	1.9	11.2	2.7	102.1	2.1	120.0	11.6	52.9	128.8	156.4	20.0	369.7
1917	1.5	3.8	.2	120.2	.5	126.2	9.1	66.4	172.4	188.1	15.6	451.6
1918	1.5	7.8	2.2	131.8	1.6	144.9	12.6	101.5	185.5	195.7	19.2	514.5
1919	4.2	4.3	(1)	42.8	.6	51.9	18.6	99.3	120.3	94.4	19.5	352.1
1920	3.2	3.8	5.1	51.0	.9	64.0	16.2	74.4	118.4	109.6	14.7	333.3
1921	2.1	2.8	(1)	80.1	.4	85.4	15.9	19.5	33.5	130.5	10.3	209.7
1922	1.1	3.6	1.0	106.1	.9	112.7	14.0	42.5	125.1	155.8	14.9	352.3
1923	1.1	1.4	(1)	93.5	.1	96.1	13.0	39.8	181.2	137.6	13.5	385.1
1924	2.4	2.7	2.3	60.1	.3	67.8	15.4	74.8	192.8	105.8	14.6	403.4
1925	1.8	3.8	(1)	40.8	.1	46.5	16.8	79.8	156.3	77.3	14.1	344.3
1926	1.6	7.2	2.6	99.1	.1	110.6	14.8	70.2	247.4	157.4	18.8	508.6
1927	1.5	4.9	1.1	64.5	(1)	72.0	19.2	39.7	105.2	96.0	22.9	283.0
1928	1.1	7.2	.1	102.7	(1)	111.1	12.4	76.6	206.5	141.5	29.9	466.9
1929	2.2	9.1	.3	77.7	.2	89.5	15.0	66.3	190.5	122.4	17.2	411.4
1930	1.6	5.5	1.4	26.2	.9	35.6	16.2	47.2	236.2	61.6	30.5	391.7
1931	1.0	7.9	(1)	80.7	(1)	89.6	13.4	41.9	219.1	123.2	17.1	414.7
1932	1.3	12.7	.7	94.1	(1)	108.8	16.0	65.4	156.4	151.8	16.3	405.9
1933	.9	5.3	(1)	117.4	.1	123.7	11.5	51.2	161.6	158.7	15.9	398.9
1934	1.3	5.9	.1	130.8	.1	138.2	10.9	57.3	283.2	190.0	24.2	565.6
1935	.5	4.3	(1)	19.7	.1	24.6	15.3	65.7	240.1	59.3	18.4	398.8
1936	.7	5.3	2.3	103.4	.4	112.1	16.7	84.5	337.9	181.0	23.6	643.7
1937	.7	5.5	(1)	107.0	(1)	113.2	20.4	57.1	268.3	152.8	14.5	513.1
1938	1.0	6.6	(1)	134.4	(1)	142.0	17.2	61.5	239.6	183.6	25.9	527.8
1939	.7	7.8	(1)	80.4	(1)	88.9	16.5	47.1	187.9	142.8	12.8	407.1
1940	.7	7.3	1.2	33.9	.2	43.3	11.1	68.4	216.7	70.9	28.6	395.7
1941	.8	6.6	(1)	44.6	.2	52.2	16.4	53.8	345.2	84.5	26.2	526.1
1942	.8	2.8	.6	31.5	.2	35.9	15.1	70.7	208.3	65.8	32.4	392.3
1943	1.2	4.7	(1)	94.7	(1)	100.6	12.7	71.0	170.9	143.1	20.5	418.2
1944	.7	3.2	.4	71.2	.7	76.2	9.4	77.5	155.7	114.8	21.8	379.2
1945	.8	6.6	(1)	44.2	.2	51.8	11.5	56.1	166.4	85.9	33.2	353.1
1946	1.0	3.2	.3	48.6	.6	53.7	15.4	52.8	152.3	78.6	27.1	326.2
1947	1.6	3.0	(1)	98.8	.1	103.5	16.0	37.5	127.9	137.1	19.5	338.0
1948	1.3	6.1	.2	92.6	.4	100.6	14.2	58.3	97.0	118.8	24.9	313.2
1949	1.8	2.8	(1)	39.7	.3	44.6	14.8	37.6	200.3	71.0	23.9	347.6
1950	1.6	2.7	.1	43.5	.6	48.5	13.0	57.9	81.4	84.2	23.1	259.6
1951	1.9	1.9	(1)	28.9	.6	33.3	16.5	54.1	115.9	60.2	32.5	279.2
1952	1.6	3.0	.1	64.3	.6	69.6	12.6	71.2	87.1	96.9	18.9	286.7
1953	1.9	3.5	.1	38.4	.2	44.1	14.5	58.7	71.1	73.0	14.1	231.4
1954	2.3	3.0	.7	30.0	.5	36.5	12.4	74.7	85.6	60.1	24.2	257.0
1955	2.6	2.0	(1)	28.1	.2	32.9	11.6	26.9	94.4	48.9	14.0	195.8
1956	2.4	2.7	.3	48.4	.4	54.2	9.4	52.5	88.2	79.9	12.8	242.8
1957	2.6	2.6	(1)	48.3	.3	53.8	8.0	62.7	55.6	67.8	10.6	204.7
1958	3.5	5.0	8.1	19.7	1.3	37.6	11.0	61.8	120.7	34.7	13.1	241.3
1959	3.6	5.5	.1	28.8	.6	38.6	11.8	32.2	48.1	43.4	11.8	147.3
1960	3.2	12.5	2.9	69.9	.4	88.9	9.0	47.6	52.6	88.4	9.5	207.1
1961	5.0	6.8	.5	72.3	.7	85.3	8.6	46.1	103.5	95.2	11.4	264.8
1962	4.1	7.6	9.1	27.9	.8	49.5	8.8	57.6	143.2	52.9	15.3	277.8
1963	4.0	4.3	.5	17.8	.8	27.4	9.2	35.7	125.2	35.5	17.5	223.1
1964	4.5	8.4	5.3	30.4	.7	49.3	11.6	62.6	162.3	54.1	21.0	311.6
1965	4.9	1.8	(1)	111.4	.4	118.5	11.0	29.2	74.9	142.0	17.7	274.8
1966	4.1	4.6	8.1	58.3	.9	76.0	9.3	52.2	162.9	92.8	16.1	333.3

1/ LESS THAN 50,000 POUNDS.

HISTORICAL FISHERY STATISTICS

DISPOSITION OF THE ALASKA SALMON LANDINGS, BY REGIONS, 1906-66

(MILLION POUNDS - ROUND WEIGHT BASIS)

YEAR	SOUTHEASTERN ALASKA						
	PICKLED	MILD-CURED	FRESH AND FROZEN	MISCELLANEOUS 1/	TOTAL OTHER THAN CANNED	CANNED	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1906	1.3	2.1	.9	7.7	12.0	55.3	67.3
1907	2.9	2.7	1.0	4.8	11.4	66.6	78.0
1908	5.3	2.1	1.4	.2	9.0	74.1	83.1
1909	.8	4.8	1.5	.8	7.9	62.4	70.3
1910	.2	6.3	1.7	.4	8.6	77.6	86.2
1911	.4	4.3	3.1	.7	8.5	115.7	124.2
1912	1.4	6.7	.6	-	8.7	143.7	152.4
1913	1.2	9.5	.8	-	11.5	130.9	142.4
1914	.3	5.2	.2	-	5.7	129.4	135.1
1915	.2	3.6	1.0	-	4.8	187.1	191.9
1916	.9	6.5	1.0	-	8.4	162.1	170.5
1917	2.7	4.5	1.8	-	9.0	241.5	250.5
1918	3.1	5.2	8.1	(2)	16.4	247.1	263.5
1919	.3	6.8	9.1	.2	16.4	227.4	243.8
1920	.1	2.9	6.9	.1	10.0	161.3	171.3
1921	.5	4.7	14.0	-	19.2	58.5	77.7
1922	.3	7.1	10.1	1.8	19.3	147.9	167.2
1923	(2)	5.6	6.4	1.9	13.9	220.9	234.8
1924	(2)	7.3	6.1	-	13.4	204.1	217.5
1925	.1	8.4	6.8	(2)	15.3	205.2	220.5
1926	.1	7.3	8.1	.1	15.6	224.4	240.0
1927	(2)	11.6	7.2	.1	18.9	77.0	95.9
1928	(2)	7.3	10.3	(2)	17.6	218.3	235.9
1929	.2	7.1	7.4	(2)	14.7	154.3	169.0
1930	.2	7.2	10.6	(2)	18.0	218.9	236.9
1931	.1	5.4	9.2	(2)	14.7	186.8	201.5
1932	(2)	7.1	9.7	(2)	16.8	161.7	[illegible]
1933	(2)	6.3	6.4	(2)	12.7	153.4	[illegible]
1934	.1	5.3	9.1	-	14.5	242.5	[illegible]
1935	.1	7.2	9.9	.1	17.3	224.3	[illegible]
1936	.2	7.1	14.4	(2)	21.7	299.4	[illegible]
1937	(2)	9.3	11.8	(2)	21.1	215.6	[illegible]
1938	(2)	10.5	15.7	(2)	26.2	199.3	[illegible]
1939	(2)	9.6	11.3	-	20.9	149.6	[illegible]
1940	(2)	5.4	12.8	(2)	18.2	163.2	[illegible]
1941	(2)	13.2	.8	-	14.0	316.4	[illegible]
1942	.1	9.7	9.3	-	19.1	194.2	[illegible]
1943	(2)	5.4	15.2	-	20.6	138.2	[illegible]
1944	-	5.4	16.2	-	21.6	144.2	[illegible]
1945	(2)	9.7	23.9	-	33.6	113.6	[illegible]
1946	-	9.4	24.5	-	33.9	107.9	[illegible]
1947	-	7.6	13.4	(2)	21.0	78.6	[illegible]
1948	-	6.9	11.6	(2)	18.5	94.7	[illegible]
1949	-	5.8	17.2	(2)	23.0	185.1	[illegible]
1950	.4	5.9	10.6	(2)	16.9	87.3	[illegible]
1951	-	6.2	13.3	(2)	19.5	146.5	[illegible]
1952	-	5.2	8.9	(2)	14.1	96.3	[illegible]
1953	-	6.0	10.1	(2)	16.1	71.2	[illegible]
1954	-	5.5	16.4	(2)	21.9	94.9	[illegible]
1955	-	4.9	8.3	(2)	13.2	61.6	[illegible]
1956	-	2.2	11.5	-	13.7	75.6	[illegible]
1957	-	1.8	9.0	-	10.8	66.2	[illegible]
1958	-	4.4	11.3	-	15.7	88.1	[illegible]
1959	-	4.4	10.6	-	15.0	53.7	[illegible]
1960	-	2.9	10.6	-	13.5	20.7	[illegible]
1961	-	2.7	11.1	-	13.8	88.6	[illegible]
1962	-	2.0	14.6	-	16.6	66.9	[illegible]
1963	-	2.1	14.3	-	16.4	86.0	[illegible]
1964	-	2.5	20.0	-	22.5	93.4	[illegible]
1965	-	1.4	16.9	-	18.3	64.8	[illegible]
1966	-	1.0	27.0	-	28.0	112.7	[illegible]

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HISTORICAL FISHERY STATISTICS

DISPOSITION OF THE ALASKA SALMON LANDINGS, BY REGIONS, 1906-66 - Continued

(MILLION POUNDS - ROUND WEIGHT BASIS)

YEAR	CENTRAL ALASKA						
	PICKLED	MILD-CURED	FRESH AND FROZEN	MISCEL-LANEOUS	TOTAL OTHER THAN CANNED	CANNED	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1906	.2	-	-	.2	.4	34.0	34.4
1907	1.2	.4	-	2.7	4.3	37.7	42.0
1908	1.1	.5	(2)	4.9	6.5	30.8	37.3
1909	1.1	-	(2)	3.4	4.5	28.1	32.6
1910	.7	.1	(2)	.8	1.6	31.2	32.8
1911	.4	.1	.1	.4	1.0	36.1	37.1
1912	2.6	.1	-	-	2.7	45.9	48.6
1913	1.9	.3	-	-	2.2	32.3	34.5
1914	.6	.1	-	-	.7	47.9	48.6
1915	.5	(2)	-	-	.5	45.7	46.2
1916	1.0	-	-	-	1.0	78.2	79.2
1917	1.1	.2	-	-	1.3	73.6	74.9
1918	5.1	.1	-	-	5.2	100.9	106.1
1919	.2	(2)	-	.5	.7	55.7	56.4
1920	.1	(2)	-	.6	.7	97.3	98.0
1921	.3	-	-	-	.3	46.3	46.6
1922	.6	-	-	-	.6	71.8	72.4
1923	.2	-	-	-	.2	54.0	54.2
1924	.5	.2	-	-	.7	117.4	118.1
1925	.5	.3	-	(2)	.8	76.5	77.3
1926	.8	.3	-	(2)	1.1	156.9	158.0
1927	.3	.1	-	(2)	.4	114.7	115.1
1928	.2	.4	(2)	(2)	.6	119.3	119.9
1929	.4	.4	(2)	(2)	.8	152.1	152.9
1930	.8	.2	(2)	(2)	1.0	118.2	119.2
1931	.5	(2)	.1	(2)	.6	123.0	123.6
1932	.2	(2)	(2)	(2)	.2	118.4	118.6
1933	.6	-	(2)	.1	.7	108.4	109.1
1934	.4	(2)	(2)	(2)	.4	170.0	170.4
1935	.5	(2)	(2)	.1	.6	132.0	132.6
1936	.6	-	.1	-	.7	209.8	210.5
1937	.6	-	(2)	(2)	.6	162.6	163.2
1938	.5	(2)	.1	.1	.7	159.6	160.3
1939	.5	-	.3	(2)	.8	146.9	147.7
1940	.5	(2)	(2)	.1	.6	170.4	171.0
1941	.3	-	(2)	.1	.4	143.1	143.5
1942	.2	(2)	(2)	(2)	.2	142.9	143.1
1943	.2	(2)	(2)	(2)	.2	158.6	158.8
1944	.1	-	(2)	-	.1	137.1	137.2
1945	.8	.4	(2)	(2)	1.2	152.9	154.1
1946	.6	.3	.3	(2)	1.2	129.5	130.7
1947	.3	.1	1.3	(2)	1.7	133.2	134.9
1948	(2)	(2)	2.0	(2)	2.0	97.4	99.4
1949	.1	(2)	.9	(2)	1.0	93.9	94.9
1950	(2)	(2)	.3	(2)	.3	106.6	106.9
1951	(2)	.1	.3	(2)	.4	77.5	77.9
1952	(2)	.1	.6	(2)	.7	106.0	106.7
1953	.1	.1	1.4	(2)	1.6	98.4	100.0
1954	(2)	.1	2.0	(2)	2.1	101.6	103.7
1955	(2)	.1	2.9	(2)	3.0	85.1	88.1
1956	(2)	.1	1.1	(2)	1.2	[illegible]	[illegible]
1957	(2)	(2)	1.1	-	1.1	[illegible]	[illegible]
1958	(2)	.2	.4	-	[illegible]	[illegible]	[illegible]
1959	-	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]
1960	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1961	(2)	(2)	3.6	-	3.6	[illegible]	[illegible]
1962	(2)	.1	3.2	-	3.3	[illegible]	[illegible]
1963	.1	.1	2.1	-	2.3	91	[illegible]
1964	[illegible]	-	22.3	-	22.4	[illegible]	[illegible]
1965	(2)	(2)	1.5	-	1.8	[illegible]	[illegible]
1966	(2)	.1	7.4	-	7.5	109.1	[illegible]

HISTORICAL FISHERY STATISTICS

DISPOSITION OF THE ALASKA SALMON LANDINGS, BY REGIONS, 1906-66 - Continued

(MILLION POUNDS - ROUND WEIGHT BASIS)

	WESTERN ALASKA						
YEAR	PICKLED	MILD-CURED	FRESH AND FROZEN	MISCEL-LANEOUS	TOTAL OTHER THAN CANNED	CANNED	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1906	6.2	(2)	-	.1	6.3	69.9	76.2
1907	6.1	-	-	.1	6.2	54.8	61.0
1908	12.9	-	-	.3	13.2	84.3	97.5
1909	11.1	-	-	-	11.1	82.9	94.0
1910	4.7	-	-	-	4.7	65.8	70.5
1911	1.9	-	-	.1	2.0	53.5	55.5
1912	7.4	.1	-	-	7.5	100.8	108.3
1913	9.7	.2	-	-	9.9	108.7	118.6
1914	7.8	.1	-	-	7.9	116.8	124.7
1915	3.7	.1	-	-	3.8	94.9	98.7
1916	4.1	(2)	-	-	4.1	115.9	120.0
1917	8.4	-	-	-	8.4	117.8	126.2
1918	10.6	-	-	1.9	12.5	132.4	144.9
1919	2.0	.2	-	-	2.2	49.7	51.9
1920	1.2	.2	-	-	1.4	62.6	64.0
1921	2.6	-	-	-	2.6	82.8	85.4
1922	5.1	-	-	-	5.1	107.6	112.7
1923	3.6	-	-	-	3.6	92.5	96.1
1924	1.7	1.1	-	-	2.8	65.0	67.8
1925	.5	-	-	2.5	3.0	43.5	46.5
1926	1.9	-	-	4.4	6.3	104.3	110.6
1927	.9	-	-	2.7	3.6	68.4	72.0
1928	1.2	-	(2)	3.8	5.0	106.1	111.1
1929	.6	(2)	(2)	3.6	4.2	85.3	89.5
1930	.3	-	(2)	3.9	4.2	31.4	35.6
1931	1.2	.1	-	3.1	4.4	85.2	89.6
1932	.2	.3	-	6.0	6.5	102.3	108.8
1933	1.1	.2	(2)	3.4	4.7	119.0	123.7
1934	.3	.6	-	3.5	4.4	133.8	138.2
1935	.9	.2	-	3.6	4.7	19.9	24.6
1936	.8	.3	-	3.6	4.7	107.4	112.1
1937	.7	.2	-	2.9	3.8	109.4	113.2
1938	1.3	.3	-	2.6	4.2	137.8	142.0
1939	.1	.2	-	1.1	1.4	87.5	88.9
1940	.8	.3	-	4.9	6.0	37.3	43.3
1941	.1	.3	-	3.0	3.4	48.8	52.2
1942	-	.2	-	1.7	1.9	34.0	35.9
1943	(2)	.2	-	1.9	2.1	98.5	100.6
1944	(2)	.1	(2)	1.0	1.1	75.1	76.2
1945	.4	.1	-	(2)	.5	51.3	51.8
1946	.6	.3	.2	1.2	2.3	51.4	53.7
1947	.3	.4	.6	(2)	1.3	102.2	103.5
1948	.1	.1	.9	-	1.1	99.5	100.6
1949	.3	.3	1.6	-	2.2	42.4	44.6
1950	.6	.2	1.3	(2)	2.1	46.4	48.5
1951	.3	.5	4.5	-	5.3	28.0	33.3
1952	.3	.1	11.8	-	12.2	57.4	69.6
1953	.2	.3	5.2	(2)	5.7	38.4	44.1
1954	.4	.2	7.3	.1	8.0	28.5	36.5
1955	.3	.2	4.7	-	5.2	27.7	32.9
1956	.4	.2	7.5	(2)	8.1	46.1	54.2
1957	.3	.1	7.2	-	7.6	46.2	53.8
1958	.4	.4	.3	-	1.1	36.5	37.6
1959	.6	1.1	.2	-	1.9	36.7	38.6
1960	.2	.5	2.5	-	3.2	85.7	88.9
1961	.7	.9	3.6	-	5.2	80.1	85.3
1962	.3	.9	1.2	-	2.4	47.1	49.5
1963	.4	1.3	.4	-	2.1	25.3	27.4
1964	.8	.5	1.0	-	2.3	47.0	49.3
1965	.1	.9	1.7	-	2.7	115.8	118.5
1966	.1	1.0	2.2	-	3.3	72.7	76.0

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

DISPOSITION OF THE ALASKA SALMON LANDINGS, BY REGIONS, 1906-66 - Continued

(MILLION POUNDS - ROUND WEIGHT BASIS)

YEAR	TOTAL						
	PICKLED	MILD-CURED	FRESH AND FROZEN	MISCELLANEOUS	TOTAL OTHER THAN CANNED	CANNED	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1906	7.7	2.1	.9	8.0	18.7	159.2	177.9
1907	10.2	3.1	1.0	7.6	21.9	159.1	181.0
1908	19.3	2.6	1.4	5.4	28.7	189.2	217.9
1909	13.0	4.8	1.5	4.2	23.5	173.4	196.9
1910	5.6	6.4	1.7	1.2	14.9	174.6	189.5
1911	2.7	4.4	3.2	1.2	11.5	205.3	216.8
1912	11.4	6.9	.6	-	18.9	290.4	309.3
1913	12.8	10.0	.8	-	23.6	271.9	295.5
1914	8.7	5.4	.2	-	14.3	294.1	308.4
1915	4.4	3.7	1.0	-	9.1	327.7	336.8
1916	6.0	6.5	1.0	-	13.5	356.2	369.7
1917	12.2	4.7	1.8	-	18.7	432.9	451.6
1918	18.8	5.3	8.1	1.9	34.1	480.4	514.5
1919	2.5	7.0	9.1	.7	19.3	332.8	352.1
1920	1.4	3.1	6.9	.7	12.1	321.2	333.3
1921	3.4	4.7	14.0	-	22.1	187.6	209.7
1922	6.0	7.1	10.1	1.8	25.0	327.3	352.3
1923	3.8	5.6	6.4	1.9	17.7	367.4	385.1
1924	2.2	8.6	6.1	-	16.9	386.5	403.4
1925	1.1	8.7	6.8	2.5	19.1	325.2	344.3
1926	2.8	7.6	8.1	4.5	23.0	485.6	508.6
1927	1.2	11.7	7.2	2.8	22.9	260.1	283.0
1928	1.4	7.7	10.3	3.8	23.2	443.7	466.9
1929	1.2	7.5	7.4	3.6	19.7	391.7	411.4
1930	1.3	7.4	10.6	3.9	23.2	368.5	391.7
1931	1.8	5.5	9.3	3.1	19.7	395.0	414.7
1932	.4	7.4	9.7	6.0	23.5	382.4	405.9
1933	1.7	6.5	6.4	3.5	18.1	380.8	398.9
1934	.8	5.9	9.1	3.5	19.3	546.3	565.6
1935	1.5	7.4	9.9	3.8	22.6	376.2	398.8
1936	1.6	7.4	14.5	3.6	27.1	616.6	643.7
1937	1.3	9.5	11.8	2.9	25.5	487.6	513.1
1938	1.8	10.8	15.8	2.7	31.1	496.7	527.8
1939	.6	9.8	11.6	1.1	23.1	384.0	407.1
1940	1.3	5.7	12.8	5.0	24.8	370.9	395.7
1941	.4	13.5	.8	3.1	17.8	508.3	526.1
1942	.3	9.9	9.3	1.7	21.2	371.1	392.3
1943	.2	5.6	15.2	1.9	22.9	395.3	418.2
1944	.1	5.5	16.2	1.0	22.8	356.4	379.2
1945	1.2	10.2	23.9	(2)	35.3	317.8	353.1
1946	1.2	10.0	25.0	1.2	37.4	288.8	326.2
1947	.6	8.1	15.3	(2)	24.0	314.0	338.0
1948	.1	7.0	14.5	(2)	21.6	291.6	313.2
1949	.4	6.1	19.7	(2)	26.2	321.4	347.6
1950	1.0	6.1	12.2	(2)	19.3	240.3	259.6
1951	.3	6.8	18.1	(2)	25.2	254.0	279.2
1952	.3	5.4	21.3	(2)	27.0	259.7	286.7
1953	.3	6.4	16.7	(2)	23.4	208.0	231.4
1954	.4	5.8	25.7	.1	32.0	225.0	257.0
1955	.3	5.2	15.9	(2)	21.4	174.4	195.8
1956	.4	2.5	20.1	(2)	23.0	219.8	242.8
1957	.3	1.9	17.3	-	19.5	185.2	204.7
1958	.4	5.0	12.0	-	17.4	223.9	241.3
1959	.6	5.6	11.4	-	17.6	129.7	147.3
1960	.2	3.4	14.4	-	18.0	189.1	207.1
1961	.7	3.6	18.3	-	22.6	242.2	264.8
1962	.3	3.0	19.0	-	22.3	255.5	277.8
1963	.5	3.5	16.8	-	20.8	202.3	223.1
1964	.9	3.0	43.3	-	47.2	264.4	311.6
1965	.1	2.3	20.4	-	22.8	252.0	274.8
1966	.1	2.1	36.6	-	38.8	294.5	333.3

1/ INCLUDES DRIED, DRY-SALTED, SMOKED, AND KIPPERED SALMON AND PICKLED SALMON BELLIES.

2/ LESS THAN 50,000 POUNDS.

NOTE:--DATA ON FISH SHIPPED OUT OF ALASKA FOR CANNING APPEAR UNDER FRESH AND FROZEN--THE DISPOSITION MADE BY THE STATE. IN VARIOUS YEARS, FISH HAVE BEEN SHIPPED TO WASHINGTON AND TO CANADA AND JAPAN. STATISTICS ON THE PACK OF ALASKA SALMON CANNED ON PUGET SOUND ARE SHOWN ON PAGE 526.

ALASKA PACK OF CANNED SALMON, 1878-1966

YEAR	STANDARD CASES	VALUE	YEAR	STANDARD CASES	VALUE
1878	8,159	(1)	1922	4,501,652	$29,787,193
1879	12,530	(1)	1923	5,035,697	32,673,007
1880	6,539	(1)	1924	5,294,915	33,007,135
1881	8,977	(1)	1925	4,459,937	31,989,531
1882	21,745	(1)	1926	6,652,082	46,080,004
1883	48,337	(1)	1927	3,572,128	30,016,264
1884	64,886	(1)	1928	6,083,903	45,383,985
1885	83,415	(1)	1929	5,370,159	40,469,385
1886	142,065	(1)	1930	5,032,326	29,694,898
1887	206,677	(1)	1931	5,403,739	39,096,292
1888	412,115	(1)	1932	5,254,483	21,715,801
1889	719,196	(1)	1933	5,225,604	28,376,014
1890	682,591	(1)	1934	7,481,830	37,611,950
1891	801,400	(1)	1935	5,133,122	25,768,136
1892	474,717	(1)	1936	8,437,603	44,751,633
1893	643,654	(1)	1937	6,669,665	44,547,769
1894	686,440	(1)	1938	6,806,998	36,636,897
1895	626,530	(1)	1939	5,263,153	34,441,082
1896	986,707	(1)	1940	5,069,343	31,474,492
1897	909,078	(1)	1941	6,932,040	56,217,601
1898	965,097	(1)	1942	5,075,866	48,298,913
1899	1,078,146	(1)	1943	5,328,269	57,823,679
1900	1,548,139	(1)	1944	4,893,059	51,196,140
1901	2,016,804	(1)	1945	4,354,569	44,757,680
1902	2,536,824	(1)	1946	3,949,878	53,157,194
1903	2,246,210	(1)	1947	4,312,455	88,672,661
1904	1,953,756	(1)	1948	4,014,572	96,522,290
1905	1,887,801	$6,304,671	1949	4,391,871	81,273,153
1906	2,219,044	7,896,392	1950	3,307,717	82,346,644
1907	2,169,873	8,761,366	1951	3,484,468	79,249,185
1908	2,606,973	10,185,783	1952	3,574,128	76,362,304
1909	2,395,477	9,438,152	1953	2,862,267	58,178,445
1910	2,413,054	11,056,322	1954	3,094,753	63,356,724
1911	2,823,817	14,593,237	1955	2,385,145	56,868,931
1912	4,054,641	18,682,880	1956	3,022,906	78,577,457
1913	3,739,185	13,531,604	1957	2,463,672	62,909,386
1914	4,056,653	18,920,589	1958	2,971,537	66,126,983
1915	4,500,293	18,653,015	1959	1,778,289	49,492,789
1916	4,900,627	23,269,429	1960	2,571,340	76,553,066
1917	5,947,286	46,304,090	1961	3,212,262	98,327,450
1918	6,605,835	51,041,949	1962	3,475,196	94,422,140
1919	4,583,688	43,265,349	1963	2,656,009	67,470,910
1920	4,429,463	35,602,800	1964	3,550,026	87,577,870
1921	2,596,826	19,632,744	1965	3,268,319	107,737,742
			1966	3,990,807	120,576,029

1/ DATA NOT AVAILABLE.

RED SALMON

CHINOOK SALMON

ALASKA PACK OF CANNED SALMON, BY SPECIES, 1906-66

(STANDARD CASES)

YEAR	CHINOOK	CHUM	PINK	RED OR SOCKEYE	SILVER	TOTAL
1906.	30,834	254,812	348,297	1,475,960	109,141	2,219,044
1907.	43,424	184,173	561,973	1,295,113	85,190	2,169,873
1908.	23,729	218,513	644,133	1,651,770	68,828	2,606,973
1909.	48,034	120,712	464,873	1,705,302	56,556	2,395,477
1910.	40,221	254,218	554,322	1,450,267	114,026	2,413,054
1911.	45,518	323,795	1,005,278	1,315,318	133,908	2,823,817
1912.	43,317	664,633	1,280,138	1,900,355	166,198	4,054,641
1913.	34,370	290,918	1,372,881	1,965,237	75,779	3,739,185
1914.	48,039	663,859	986,049	2,201,643	157,063	4,056,653
1915.	88,251	479,946	1,875,516	1,932,312	124,268	4,500,293
1916.	65,873	724,115	1,737,793	2,110,937	261,909	4,900,627
1917.	61,951	906,747	2,296,976	2,488,381	193,231	5,947,286
1918.	49,226	1,364,960	2,438,954	2,533,737	218,958	6,605,835
1919.	95,986	1,365,563	1,611,608	1,277,661	232,870	4,583,688
1920.	110,003	1,033,517	1,593,120	1,500,738	192,085	4,429,463
1921.	44,994	255,495	423,984	1,765,798	106,555	2,596,826
1922.	30,660	565,918	1,658,423	2,070,658	175,993	4,501,652
1923.	38,343	525,622	2,448,129	1,859,496	164,107	5,035,697
1924.	33,648	1,028,488	2,601,283	1,447,895	183,601	5,294,915
1925.	49,978	1,078,680	2,110,593	1,059,676	161,010	4,459,937
1926.	52,476	902,443	3,338,349	2,157,087	202,527	6,652,882
1927.	70,391	507,723	1,420,775	1,320,195	253,044	3,572,128
1928.	54,159	995,785	2,787,242	1,948,094	298,623	6,083,903
1929.	72,107	864,512	2,571,657	1,689,927	171,956	5,370,159
1930.	59,922	599,934	3,188,534	851,514	332,422	5,032,326
1931.	51,867	533,856	2,953,860	1,694,278	169,878	5,403,739
1932.	69,526	820,556	2,113,145	2,103,081	148,175	5,254,483
1933.	41,413	658,789	2,182,551	2,180,283	162,568	5,225,604
1934.	52,863	740,641	3,824,193	2,628,016	236,117	7,481,830
1935.	36,405	852,928	3,244,066	809,546	190,177	5,133,122
1936.	51,884	1,101,083	4,559,794	2,502,542	222,300	8,437,603
1937.	69,468	730,832	3,625,379	2,106,669	137,317	6,669,665
1938.	43,813	786,753	3,232,878	2,521,233	222,321	6,806,998
1939.	32,458	630,300	2,530,025	1,966,248	104,122	5,263,153
1940.	25,963	874,451	2,922,540	969,742	276,647	5,069,343
1941.	42,335	710,065	4,654,783	1,164,878	359,979	6,932,040
1942.	44,959	941,636	2,815,445	911,323	362,503	5,075,866
1943.	54,709	912,546	2,307,386	1,985,525	168,103	5,428,269
1944.	37,025	994,487	2,092,632	1,581,416	187,499	4,893,059
1945.	43,123	691,444	2,239,674	1,177,594	202,734	4,354,569
1946.	37,896	609,888	2,051,162	1,063,011	187,921	3,949,878
1947.	52,899	496,465	1,724,674	1,887,463	150,954	4,312,455
1948.	53,989	781,888	1,304,480	1,639,902	234,313	4,014,572
1949.	50,009	499,526	2,682,330	967,646	192,360	4,391,871
1950.	54,031	777,778	1,095,522	1,149,870	230,516	3,307,717
1951.	87,612	719,487	1,559,748	772,463	345,158	3,484,468
1952.	57,050	966,660	1,172,168	1,181,164	197,086	3,574,128
1953.	56,211	790,948	944,334	943,140	127,634	2,862,267
1954.	51,373	1,006,951	1,136,792	732,338	167,299	3,094,753
1955.	47,818	363,634	1,237,465	621,644	114,584	2,385,145
1956.	45,691	686,876	1,178,144	1,016,282	95,913	3,022,906
1957.	47,984	829,816	735,552	763,030	87,290	2,463,672
1958.	51,778	761,285	1,566,201	489,763	102,510	2,971,537
1959.	45,267	415,326	634,945	584,503	98,248	1,778,289
1960.	47,083	582,367	681,728	1,184,442	75,720	2,571,340
1961.	53,841	523,614	1,257,301	1,295,548	81,958	3,212,262
1962.	48,292	691,720	1,878,489	750,375	106,320	3,475,196
1963.	39,006	432,793	1,570,291	483,390	130,529	2,656,009
1964.	37,870	702,969	1,928,231	715,774	165,182	3,550,026
1965.	50,020	298,370	883,184	1,931,416	105,329	3,268,319
1966.	34,960	585,415	2,015,977	1,237,369	117,086	3,990,807

NOTE:--INCLUDES DATA ON THE PACK OF CANNED, SMOKED, AND BARBECUED SALMON AND EXCLUDES STEELHEAD TROUT. DOES NOT INCLUDE DATA ON ALASKA SALMON SOLD TO CANADA AND JAPAN FOR CANNING OR ON THE PACK CANNED IN WASHINGTON. THE LATTER DATA ARE SHOWN IN THE FOLLOWING TABLE.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1 POUND CANS, EACH CONTAINING 16 OUNCES.

WASHINGTON PACK OF ALASKA SALMON, BY SPECIES, 1952-66

(STANDARD CASES)

YEAR	CHINOOK	CHUM	PINK	RED	SILVER	TOTAL
1952.	18	5,176	3,894	99,833	328	109,249
1953.	11	9,934	11,194	52,136	42	73,317
1954.	1,227	22,344	12,630	71,856	4,344	112,401
1955.	-	-	25,000	40,000	10,000	75,000
1956.	609	28,659	11,669	72,289	10,956	124,182
1957.	3,459	22,849	2,870	73,413	6,662	109,253
1958.	-	5,537	1,602	434	4,330	11,903
1959.	111	6,376	6,239	2,628	17,621	32,975
1960.	107	3,636	3,158	26,433	4,664	37,998
1961.	1,802	35,427	28,316	22,831	8,659	97,035
1962.	185	31,544	55,875	11,898	15,397	114,899
1963.	-	9,739	19,324	8,470	2,682	40,215
1964.	-	10,782	11,562	15,720	3,950	42,014
1965.	1/ 1,159	12,267	13,181	23,368	4,617	54,592
1966.	1/ 227	1/ 22,315	52,258	12,166	1/ 12,319	99,285

1/ INCLUDES A SMALL PACK FROM CANADIAN FISHERIES.

NOTE:--DATA ARE NOT AVAILABLE FOR YEARS PRIOR TO 1952. THESE DATA PERTAIN TO FISH LANDED IN ALASKA, FROZEN, AND SHIPPED TO WASHINGTON FOR CANNING.

PINK SALMON

HISTORICAL FISHERY STATISTICS

CLAM FISHERY

The importance of the clam fishery has increased enormously during the past 17 years. In 1950 the fishery yielded 39.6 million pounds of meats valued at $10.7 million. In 1966 the fishery yielded 72.8 million pounds valued at $18.6 million or an increase of 54 percent in value compared with 1950. In value its growth has been exceeded only by the shrimp fishery. There are approximately 11,700 persons employed in harvesting clams. These persons use approximately 346 vessels of 5 net tons or greater and 5,600 boats.

The demand for information and statistical data on the clam industry has likewise grown tremendously during the past decade. As a result of this increase in requests these data have been assembled.

PRODUCTION:

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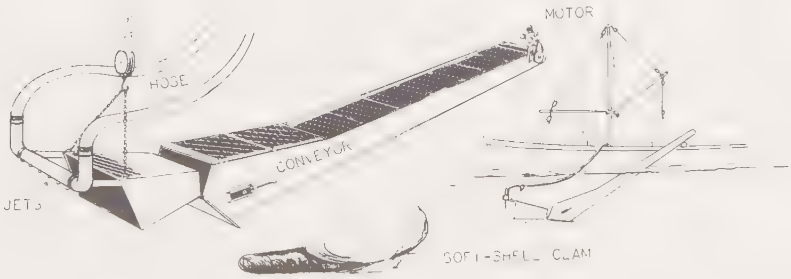


Hydraulic clam dredge

SUMMARY OF CLAM MEAT PRODUCTION, 1880-1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880	(4)	(4)	10,001	747	404	21	387	21
1887	9,513	455	7,327	1,179	1,092	48	(4)	(4)
1888	9,647	472	7,405	1,214	1,100	49	(4)	(4)
1889	12,087	476	9,778	1,062	(4)	(4)	163	8
1890	(4)	(4)	10,015	1,102	701	45	236	12
1891	(4)	(4)	10,334	1,179	707	44	(4)	(4)
1892	7,777	459	9,637	1,143	(4)	(4)	(4)	(4)
1897	(4)	(4)	7,701	864	964	75	1,131	63
1898	12,292	578	(4)	(4)	(4)	(4)	(4)	(4)
1901	(4)	(4)	7,427	927	1,873	149	(4)	(4)
1902	9,569	605	(4)	(4)	(4)	(4)	1,415	101
1904	(4)	(4)	5,384	806	1,698	226	(4)	(4)
1905	7,985	745	(4)	(4)	(4)	(4)	(4)	(4)
1908	8,699	733	4,127	628	2,051	396	902	106
1918	(4)	(4)	(4)	(4)	(4)	(4)	201	47
1919	6,098	841	(4)	(4)	(4)	(4)	(4)	(4)
1920	(4)	(4)	(4)	(4)	530	240	(4)	(4)
1921	(4)	(4)	1,936	648	(4)	(4)	(4)	(4)
1922	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1923	(4)	(4)	(4)	(4)	(4)	(4)	354	75
1924	7,961	1,066	(4)	(4)	(4)	(4)	(4)	(4)
1925	(4)	(4)	(4)	(4)	1,190	469	(4)	(4)
1926	(4)	(4)	1,745	722	(4)	(4)	(4)	(4)
1927	(4)	(4)	(4)	(4)	(4)	(4)	372	79
1928	7,740	1,217	(4)	(4)	(4)	(4)	377	68
1929	12,530	1,985	3,420	1,141	986	374	416	66
1930	17,539	1,527	4,134	1,264	1,294	432	380	46
1931	16,118	1,337	4,693	901	743	254	343	32
1932	14,062	915	3,956	441	1,512	352	283	19
1933	12,888	870	5,283	621	1,211	268	(4)	(4)
1934	(4)	(4)	(4)	(4)	2,641	367	418	41
1935	14,442	1,025	7,888	973	1,669	374	(4)	(4)
1936	(4)	(4)	(4)	(4)	2,673	412	860	77
1937	19,221	1,396	8,624	1,111	1,695	283	466	36
1938	17,977	1,351	8,053	933	2,865	386	388	31
1939	20,126	1,810	6,719	757	2,091	350	677	54
1940	20,178	1,755	7,659	962	1,843	370	540	46
1941	(4)	(4)	(4)	(4)	1,674	364	(4)	(4)
1942	17,410	2,420	6,205	1,496	1,832	603	(4)	(4)
1943	12,346	2,316	7,831	3,457	(4)	(4)	(4)	(4)
1944	13,645	3,033	11,066	4,438	1,014	468	(4)	(4)
1945	14,561	3,314	13,426	4,394	1,130	587	506	153
1946	(4)	(4)	(4)	(4)	1,161	795	(4)	(4)
1947	14,627	3,401	19,032	5,317	1,134	565	(4)	(4)
1948	15,773	3,892	18,606	5,118	1,767	883	(4)	(4)
1949	14,885	3,128	17,911	4,668	1,734	736	(4)	(4)
1950	13,985	3,424	21,681	5,824	1,700	796	844	160
1951	13,111	4,009	23,237	5,699	3,097	914	861	203
1952	12,862	4,280	20,530	5,652	3,630	1,118	734	170
1953	12,713	4,583	18,288	5,319	3,772	949	467	124
1954	11,300	4,259	16,326	4,347	2,422	766	258	76
1955	10,635	4,008	16,671	4,231	3,950	1,092	130	36
1956	9,564	3,684	21,468	4,896	5,587	1,595	150	52
1957	9,611	3,877	23,745	5,135	4,799	1,665	256	102
1958	8,465	3,598	20,611	4,444	5,703	1,928	401	152
1959	7,275	3,485	28,515	4,899	7,293	2,442	453	173
1960	8,123	3,646	31,776	5,227	7,823	2,458	531	205
1961	7,370	3,398	34,157	5,265	7,084	2,320	603	236
1962	6,346	3,067	37,448	5,648	8,918	2,510	309	120
1963	6,896	3,873	45,801	7,029	9,508	2,781	406	155
1964	6,398	3,515	46,016	7,820	10,987	3,061	402	152
1965	6,535	3,608	52,240	9,452	10,878	3,089	404	171
1966	7,459	4,140	54,895	11,133	9,501	2,849	310	119

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF CLAM MEAT PRODUCTION, 1880-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	GULF 1/		PACIFIC COAST 2/		HAWAII 3/		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880	-	-	(4)	(4)	(4)	(4)	(4)	(4)
1887	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1888	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1889	7	1	(4)	(4)	(4)	(4)	(4)	(4)
1890	7	1	(4)	(4)	(4)	(4)	(4)	(4)
1891	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1892	(4)	(4)	1,440	34	(4)	(4)	(4)	(4)
1897	7	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1898	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1901	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1902	1	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1904	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1905	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1908	182	6	(4)	(4)	(4)	(4)	(4)	(4)
1918	161	14	(4)	(4)	(4)	(4)	(4)	(4)
1919	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1920	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1921	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1922	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1923	602	180	(4)	(4)	(4)	(4)	(4)	(4)
1924	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1925	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1926	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1927	954	42	2,582	416	(4)	(4)	(4)	(4)
1928	751	49	2,054	400	(4)	(4)	(4)	(4)
1929	732	48	1,608	296	(4)	(4)	(4)	(4)
1930	662	43	1,771	277	(4)	(4)	(4)	(4)
1931	790	35	1,765	263	(4)	(4)	(4)	(4)
1932	1,110	42	1,720	255	(4)	(4)	(4)	(4)
1933	(4)	(4)	1,633	183	(4)	(4)	(4)	(4)
1934	508	26	1,716	189	(4)	(4)	(4)	(4)
1935	(4)	(4)	2,346	282	(4)	(4)	(4)	(4)
1936	611	40	2,258	271	(4)	(4)	(4)	(4)
1937	724	47	1,907	238	(4)	(4)	(4)	(4)
1938	733	69	2,557	346	(4)	(4)	(4)	(4)
1939	780	75	2,105	270	(4)	(4)	(4)	(4)
1940	716	67	2,067	278	(4)	(4)	(4)	(4)
1941	(4)	(4)	1,197	190	(4)	(4)	(4)	(4)
1942	(4)	(4)	814	155	(4)	(4)	(4)	(4)
1943	(4)	(4)	1,091	238	(4)	(4)	(4)	(4)
1944	(4)	(4)	1,317	304	(4)	(4)	(4)	(4)
1945	742	186	2,004	445	(4)	(4)	(4)	(4)
1946	(4)	(4)	2,179	636	(4)	(4)	(4)	(4)
1947	(4)	(4)	1,503	533	(4)	(4)	(4)	(4)
1948	(4)	(4)	1,355	569	2	2	(4)	(4)
1949	(4)	(4)	1,405	581	3	4	(4)	(4)
1950	4	2	1,356	534	1	1	39,571	10,741
1951	9	4	1,515	690	1	1	41,831	11,520
1952	10	5	1,228	475	2	2	38,996	11,702
1953	12	6	1,289	486	3	3	36,544	11,470
1954	26	6	1,201	430	3	3	31,536	9,887
1955	16	4	1,628	591	2	1	33,032	9,963
1956	18	6	1,310	503	2	3	38,099	10,739
1957	41	13	1,328	463	2	3	39,782	11,256
1958	19	6	1,163	398	2	1	36,364	10,527
1959	17	5	1,362	499	1	1	44,916	11,504
1960	18	6	1,212	507	(5)	(5)	49,483	12,049
1961	15	5	1,036	437	(5)	(5)	50,265	11,661
1962	226	50	921	365	1	2	54,169	11,762
1963	7	2	784	360	1	2	63,403	14,202
1964	72	24	589	318	(5)	(5)	64,464	14,890
1965	114	42	677	370	1	1	70,849	16,733
1966	4	1	582	309	(5)	(5)	72,751	18,551

1/ CLAM PRODUCTION IN THE GULF STATES IS CONFINED TO THE WEST COAST OF FLORIDA.

2/ INCLUDES ALASKA.

3/ THE PRODUCTION IN HAWAII IS LIMITED TO HARD CLAMS.

4/ DATA NOT AVAILABLE.

5/ LESS THAN 500 POUNDS OR $500.

NEW ENGLAND PRODUCTION OF CLAM MEATS, 1879-1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	MAINE						NEW HAMPSHIRE	
	HARD		SOFT		TOTAL		SOFT	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1879	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1880	-	-	3,184	149	3,184	149	180	9
1887	1	(2)	6,088	228	6,089	228	3	(2)
1888	1	(2)	6,007	228	6,008	228	3	(2)
1889	1	(2)	8,424	221	8,425	221	3	(2)
1892	(3)	(3)	3/ 4,545	3/ 156	4,545	156	10	1
1898	-	-	9,470	323	9,470	323	6	(2)
1902	-	-	5,547	194	5,547	194	30	3
1905	-	-	3,728	135	3,728	135	28	3
1908	-	-	5,061	251	5,061	251	-	-
1919	-	-	2,106	163	2,106	163	67	13
1924	1	(2)	3,576	228	3,577	228	36	4
1925	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1926	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1928	-	-	3,621	229	3,621	229	-	-
1929	-	-	6,717	473	6,717	473	-	-
1930	-	-	9,925	349	9,925	349	-	-
1931	198	18	7,022	239	7,220	257	-	-
1932	135	14	7,263	234	7,398	248	-	-
1933	11	1	6,549	224	6,560	225	-	-
1935	2	(2)	6,960	287	6,962	287	13	1
1937	13	1	8,415	364	8,428	365	474	55
1938	55	4	7,134	318	7,189	322	570	67
1939	(2)	(2)	5,664	245	5,664	245	516	65
1940	5	(2)	6,278	267	6,283	267	403	51
1941	(3)	(3)	3/ 6,841	3/ 390	6,841	390	(1)	(1)
1942	152	22	5,948	472	6,100	494	622	195
1943	79	14	4,651	596	4,730	610	461	133
1944	186	42	4,276	606	4,462	648	227	60
1945	489	92	5,122	759	5,611	851	79	22
1946	168	30	9,810	1,815	9,978	1,845	(1)	(1)
1947	96	28	7,898	1,497	7,994	1,525	21	6
1948	289	61	8,969	1,801	9,258	1,862	7	1
1949	590	98	8,623	1,420	9,213	1,518	6	2
1950	503	94	6,877	1,184	7,380	1,278	7	2
1951	569	185	5,121	1,187	5,690	1,372	2	1
1952	424	126	5,523	1,673	5,947	1,799	-	-
1953	335	107	4,148	1,382	4,483	1,489	-	-
1954	292	100	3,722	1,360	4,014	1,460	-	-
1955	250	74	2,622	948	2,872	1,022	-	-
1956	288	89	2,228	808	2,516	897	-	-
1957	360	175	1,964	738	2,324	913	-	-
1958	253	149	1,634	600	1,887	749	-	-
1959	160	90	1,451	548	1,611	638	-	-
1960	64	41	2,074	823	2,138	864	-	-
1961	13	7	1,844	794	1,857	801	-	-
1962	1	1	1,981	894	1,982	895	-	-
1963	2	2	1,832	786	1,834	788	-	-
1964	2	2	1,798	827	1,800	829	-	-
1965	2	2	1,964	964	1,966	966	-	-
1966	(2)	(2)	3,008	1,387	3,008	1,387	-	-

YEAR	MASSACHUSETTS							
	HARD		OCEAN QUAHOGS		RAZOR		SOFT	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1879	88	6	-	-	-	-	1,586	76
1880	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1887	284	21	-	-	-	-	2,307	121
1888	209	15	-	-	-	-	2,438	128
1889	135	13	-	-	-	-	2,518	138
1892	(3)	(3)	-	-	-	-	3/ 2,350	3/ 193
1898	511	50	-	-	-	-	1,471	103
1902	855	131	-	-	-	-	2,279	157
1905	1,332	289	-	-	41	2	2,175	210
1908	1,119	189	-	-	24	4	1,916	186

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND PRODUCTION OF CLAM MEATS, 1879-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	MASSACHUSETTS							
	HARD		OCEAN QUAHOGS		RAZOR		SOFT	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1919	876	284	-	-	23	3	2,187	243
1924	1,222	360	-	-	23	3	2,520	298
1925	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1926	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1928	1,661	525	-	-	38	8	1,797	233
1929	1,992	618	-	-	127	16	2,111	376
1930	1,956	484	-	-	380	20	3,274	276
1931	2,928	391	-	-	469	21	3,669	363
1932	1,806	198	-	-	404	17	2,803	227
1933	1,769	215	-	-	358	16	2,836	245
1935	1,266	143	-	-	583	14	2,488	248
1937	1,310	110	-	-	725	19	5,567	496
1938	2,299	263	-	-	513	14	4,778	439
1939	2,509	352	-	-	479	16	8,558	857
1940	2,411	336	-	-	343	11	8,598	832
1941	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1942	1,844	348	-	-	300	15	6,234	919
1943	1,560	435	-	-	68	4	3,161	688
1944	1,810	470	-	-	33	3	4,547	1,352
1945	2,296	676	-	-	12	1	2,936	1,011
1946	2,276	666	-	-	134	20	1,105	420
1947	1,967	591	-	-	33	5	704	293
1948	1,495	478	-	-	44	6	625	259
1949	1,797	586	-	-	74	9	918	377
1950	2,014	645	-	-	78	18	1,518	625
1951	2,173	802	-	-	47	6	1,694	732
1952	1,845	725	-	-	66	8	1,147	541
1953	2,070	755	-	-	89	11	946	564
1954	1,236	465	197	20	86	10	1,010	560
1955	1,059	378	287	29	46	10	1,021	580
1956	1,302	454	199	23	40	10	816	494
1957	2,025	743	262	35	40	9	697	452
1958	1,820	680	154	25	30	8	746	484
1959	1,619	756	-	-	37	10	810	527
1960	1,401	721	-	-	78	20	731	491
1961	1,664	952	-	-	25	8	653	451
1962	1,319	741	-	-	31	14	530	368
1963	1,474	1,039	-	-	24	8	948	606
1964	1,440	1,012	-	-	9	4	801	533
1965	1,060	855	-	-	4	1	1,055	661
1966	1,322	1,098	-	-	6	3	1,045	681

YEAR	MASSACHUSETTS - CONTINUED				RHODE ISLAND			
	SURF		TOTAL		HARD		OCEAN QUAHOGS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1879	-	-	1,674	82	(1)	(1)	(1)	(1)
1880	(1)	(1)	(1)	(1)	-	-	-	-
1887	-	-	2,591	142	154	16	-	-
1888	-	-	2,647	143	264	28	-	-
1889	-	-	2,653	151	237	26	-	-
1892	-	-	2,350	193	(3)	(3)	-	-
1898	-	-	1,982	153	250	32	-	-
1902	-	-	3,134	288	217	35	-	-
1905	-	-	3,548	501	182	38	-	-
1908	-	-	3,059	379	162	39	-	-
1919	-	-	3,086	530	156	60	-	-
1924	-	-	3,765	661	433	135	-	-
1925	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1926	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1928	-	-	3,496	766	540	200	-	-
1929	-	-	4,230	1,010	1,416	449	-	-
1930	38	4	5,648	784	1,849	365	-	-
1931	70	5	7,136	780	1,565	252	-	-
1932	55	3	5,068	445	1,312	163	-	-
1933	59	4	5,022	480	1,158	137	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND PRODUCTION OF CLAM MEATS, 1879-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	MASSACHUSETTS - CONTINUED				RHODE ISLAND			
	SURF		TOTAL		HARD		OCEAN QUAHOGS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1935	1	(2)	4,338	405	2,360	218	-	-
1937	2	(2)	7,604	625	2,281	288	-	-
1938	1	(2)	7,591	716	2,164	183	-	-
1939	-	-	11,546	1,225	2,015	236	-	-
1940	-	-	11,352	1,179	1,978	237	-	-
1941	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1942	-	-	8,378	1,282	2,004	411	-	-
1943	250	64	5,039	1,191	1,872	340	-	-
1944	270	69	6,660	1,894	1,522	347	664	60
1945	264	81	5,508	1,769	1,911	524	1,312	110
1946	163	45	3,678	1,151	3,035	737	1,510	126
1947	210	57	2,914	946	3,139	827	311	20
1948	13	4	2,177	747	3,512	1,114	238	15
1949	11	3	2,800	975	2,135	469	63	5
1950	22	6	3,632	1,294	2,224	651	221	18
1951	22	6	3,936	1,546	3,054	992	205	15
1952	3	1	3,061	1,275	3,248	1,119	4/ 484	4/ 43
1953	-	-	3,105	1,330	4,774	1,712	5/ 276	5/ 25
1954	49	11	2,578	1,066	4,498	1,709	(5)	(5)
1955	23	4	2,436	1,001	5,020	1,918	5/ 157	5/ 18
1956	77	11	2,434	992	4,251	1,736	187	19
1957	-	-	3,024	1,239	3,905	1,649	127	13
1958	1	(2)	2,751	1,197	3,246	1,475	109	11
1959	2	1	2,468	1,294	2,737	1,434	95	10
1960	3	(2)	2,213	1,232	3,210	1,407	186	19
1961	12	2	2,354	1,413	2,608	992	124	12
1962	10	2	1,890	1,125	2,140	943	67	7
1963	-	-	2,446	1,653	2,224	1,295	104	10
1964	13	3	2,263	1,552	1,827	956	113	11
1965	1	(2)	2,120	1,517	2,029	971	93	11
1966	35	8	2,408	1,790	1,605	799	91	11

YEAR	RHODE ISLAND - CONTINUED						CONNECTICUT	
	SOFT		SURF		TOTAL		HARD	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1879	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1880	540	49	-	-	540	49	-	-
1887	258	25	-	-	412	41	151	19
1888	308	30	-	-	572	58	151	19
1889	334	32	-	-	571	58	171	21
1892	3/ 498	3/ 65	-	-	498	65	(3)	(3)
1898	150	21	-	-	400	53	234	30
1902	265	33	-	-	482	68	151	25
1905	307	39	-	-	489	77	54	10
1908	275	38	-	-	437	77	100	20
1919	404	24	-	-	560	84	50	19
1924	82	15	-	-	515	150	24	11
1925	(1)	(1)	(1)	(1)	(1)	(1)	24	13
1926	(1)	(1)	(1)	(1)	(1)	(1)	19	10
1928	14	3	-	-	554	203	31	11
1929	29	8	-	-	1,445	457	39	15
1930	28	7	-	-	1,877	372	17	9
1931	20	3	-	-	1,585	255	120	38
1932	14	2	-	-	1,326	165	206	48
1933	32	5	-	-	1,190	142	102	21
1935	309	20	-	-	2,669	238	429	89
1937	171	12	8	1	2,460	301	204	43
1938	237	16	-	-	2,401	199	210	44
1939	184	15	-	-	2,199	251	179	22
1940	75	6	-	-	2,053	243	59	10
1941	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1942	232	23	-	-	2,236	434	39	9
1943	172	22	-	-	2,044	362	38	13
1944	62	11	7	1	2,255	419	24	8
1945	64	14	8	2	3,295	650	42	15
1946	51	18	4	1	4,600	882	106	27

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND PRODUCTION OF CLAM MEATS, 1879-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	RHODE ISLAND - CONTINUED						CONNECTICUT	
	SOFT		SURF		TOTAL		HARD	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1947	161	43	4	1	3,615	891	58	25
1948	539	136	-	-	4,289	1,265	21	10
1949	635	147	7	2	2,840	623	13	6
1950	501	174	6	2	2,952	845	10	4
1951	174	66	-	-	3,433	1,073	49	16
1952	83	32	-	-	3,815	1,194	38	12
1953	33	15	(5)	(5)	5,083	1,752	42	12
1954	9	4	5/ 183	5/ 15	4,690	1,728	18	5
1955	11	5	(5)	(5)	5,188	1,941	138	44
1956	4	2	96	15	4,538	1,772	76	23
1957	3	1	4	1	4,039	1,664	224	61
1958	1	(2)	-	-	3,356	1,486	471	166
1959	4	1	-	-	2,836	1,445	360	108
1960	5	3	-	-	3,401	1,429	370	121
1961	7	4	-	-	2,739	1,008	420	176
1962	5	3	-	-	2,212	953	262	94
1963	1	1	-	-	2,329	1,306	287	126
1964	64	29	-	-	2,004	996	331	138
1965	176	80	-	-	2,298	1,062	151	63
1966	102	51	-	-	1,798	861	245	102

YEAR	CONNECTICUT - CONTINUED				TOTAL			
	SOFT		TOTAL		HARD		OCEAN QUAHOGS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1879	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1880	750	38	750	38	(1)	(1)	(1)	(1)
1887	267	25	418	44	590	56	-	-
1888	266	24	417	43	625	62	-	-
1889	264	25	435	46	544	60	-	-
1892	3/ 374	3/ 44	374	44	(3)	(3)	-	-
1898	200	19	434	49	995	112	-	-
1902	225	27	376	52	1,223	191	-	-
1905	138	19	192	29	1,568	337	-	-
1908	42	6	142	26	1,381	248	-	-
1919	229	32	279	51	1,082	363	-	-
1924	44	12	68	23	1,680	506	-	-
1925	30	11	54	24	(1)	(1)	(1)	(1)
1926	16	6	35	16	(1)	(1)	(1)	(1)
1928	38	8	69	19	2,232	736	-	-
1929	99	30	138	45	3,447	1,082	-	-
1930	72	13	89	22	3,822	858	-	-
1931	57	7	177	45	4,811	699	-	-
1932	64	9	270	57	3,459	423	-	-
1933	14	2	116	23	3,040	374	-	-
1935	31	5	460	94	4,057	450	-	-
1937	51	7	255	50	3,808	442	-	-
1938	16	3	226	47	4,728	494	-	-
1939	22	2	201	24	4,703	610	-	-
1940	28	5	87	15	4,453	583	-	-
1941	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1942	35	6	74	15	4,039	790	-	-
1943	34	7	72	20	3,549	802	-	-
1944	17	4	41	12	3,542	867	664	60
1945	26	7	68	22	4,738	1,307	1,312	110
1946	22	6	128	33	(1)	(1)	(1)	(1)
1947	25	8	83	33	5,260	1,471	311	20
1948	21	7	42	17	5,317	1,663	238	15
1949	13	4	26	10	4,535	1,159	63	5
1950	4	1	14	5	4,751	1,394	221	18
1951	1	1	50	17	5,845	1,995	205	15
1952	1	(2)	39	12	5,555	1,982	4/ 484	4/ 43
1953	(2)	(2)	42	12	7,221	2,586	5/ 276	5/ 25
1954	-	-	18	5	6,044	2,279	5/ 197	5/ 20
1955	1	(2)	139	44	6,467	2,414	5/ 444	5/ 47
1956	(2)	(2)	76	23	5,917	2,302	386	42
1957	(2)	(2)	224	61	6,514	2,628	389	48
1958	(2)	(2)	471	166	5,790	2,470	263	36
1959	-	-	360	108	4,876	2,388	95	10

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

NEW ENGLAND PRODUCTION OF CLAM MEATS, 1879-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	CONNECTICUT - CONTINUED				TOTAL			
	SOFT		TOTAL		HARD		OCEAN QUAHOGS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1960	1	(2)	371	121	5,045	2,290	186	19
1961	(2)	(2)	420	176	4,705	2,127	124	12
1962	-	-	262	94	3,722	1,779	67	7
1963	-	-	287	126	3,987	2,462	104	10
1964	(2)	(2)	331	138	3,600	2,108	113	11
1965	(2)	(2)	151	63	3,242	1,891	93	11
1966	(2)	(2)	245	102	3,172	1,999	91	11

YEAR	TOTAL - CONTINUED						GRAND TOTAL	
	RAZOR		SOFT		SURF			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1879	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1880	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1887	-	-	8,923	399	-	-	9,513	455
1888	-	-	9,022	410	-	-	9,647	472
1889	-	-	11,543	416	-	-	12,087	476
1892	-	-	3/ 7,777	3/ 459	-	-	7,777	459
1898	-	-	11,297	466	-	-	12,292	578
1902	-	-	8,346	414	-	-	9,569	605
1905	41	2	6,376	406	-	-	7,985	745
1908	24	4	7,294	481	-	-	8,699	733
1919	23	3	4,993	475	-	-	6,096	841
1924	23	3	6,258	557	-	-	7,961	1,066
1925	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1926	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1928	38	8	5,470	473	-	-	7,740	1,217
1929	127	16	8,956	887	-	-	12,530	1,985
1930	380	20	13,299	645	38	4	17,539	1,527
1931	469	21	10,768	612	70	5	16,118	1,337
1932	404	17	10,144	472	55	3	14,062	915
1933	358	16	9,431	476	59	4	12,888	870
1935	583	14	9,801	561	1	(2)	14,442	1,025
1937	725	19	14,678	934	10	1	19,221	1,396
1938	513	14	12,735	843	1	(2)	17,977	1,351
1939	479	16	14,944	1,184	-	-	20,126	1,810
1940	343	11	15,382	1,161	-	-	20,178	1,755
1941	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1942	300	15	13,071	1,615	-	-	17,410	2,420
1943	68	4	8,479	1,446	250	64	12,346	2,316
1944	33	3	9,129	2,033	277	70	13,645	3,033
1945	12	1	8,227	1,813	272	83	14,561	3,314
1946	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1947	33	5	8,809	1,847	214	58	14,627	3,401
1948	44	6	10,161	2,204	13	4	15,773	3,892
1949	74	9	10,195	1,950	18	5	14,885	3,128
1950	78	18	8,907	1,986	28	8	13,985	3,424
1951	47	6	6,992	1,987	22	6	13,111	4,009
1952	66	8	6,754	2,246	3	1	12,862	4,280
1953	89	11	5,127	1,961	(5)	(5)	12,713	4,583
1954	86	10	4,741	1,924	5/ 232	5/ 26	11,300	4,259
1955	46	10	3,655	1,533	5/ 23	5/ 4	10,635	4,008
1956	40	10	3,048	1,304	173	26	9,564	3,684
1957	40	9	2,664	1,191	4	1	9,611	3,877
1958	30	8	2,381	1,084	1	(2)	8,465	3,598
1959	37	10	2,265	1,076	2	1	7,275	3,485
1960	78	20	2,811	1,317	3	(2)	8,123	3,646
1961	25	8	2,504	1,249	12	2	7,370	3,398
1962	31	14	2,516	1,265	10	2	6,346	3,067
1963	24	8	2,781	1,393	-	-	6,896	3,873
1964	9	4	2,663	1,389	13	3	6,398	3,515
1965	4	1	3,195	1,705	1	(2)	6,535	3,608
1966	6	3	4,155	2,119	35	8	7,459	4,140

1/ DATA NOT AVAILABLE. 2/ LESS THAN 500 POUNDS OR $500. 3/ HARD CLAMS INCLUDED WITH SOFT CLAMS.

4/ INCLUDES A SMALL PRODUCTION OF SEA MUSSELS. 5/ OCEAN QUAHOGS AND SURF CLAMS HAVE BEEN COMBINED IN RHODE ISLAND AND LISTED UNDER OCEAN QUAHOGS IN 1953 AND 1955 AND UNDER SURF CLAMS IN 1954.

NOTE:--DATA ON THE SMALL PRODUCTION OF COCKLE CLAMS ARE NOT AVAILABLE BECAUSE IN MOST YEARS THEY WERE COMBINED WITH PERIWINKLES. HOWEVER, LANDINGS DATA FOR COCKLES ARE AVAILABLE FOR THE FOLLOWING YEARS: 1952, 9,870 POUNDS VALUED AT $3,097; 1929, 45,500 POUNDS VALUED AT $6,690; 1930, 28,776 POUNDS VALUED AT $4,925; 1931, 136,080 POUNDS VALUED AT $13,005; 1932, 237,648 POUNDS VALUED AT $15,789.

MIDDLE ATLANTIC PRODUCTION OF CLAM MEATS, 1880-1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	NEW YORK					
	HARD		RAZOR		SOFT	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880.	2,795	262	-	-	3,408	256
1887.	2,674	296	-	-	416	43
1888.	2,594	289	-	-	413	43
1889.	4,161	603	-	-	1,411	100
1890.	4,202	607	-	-	1,580	103
1891.	4,525	651	-	-	1,506	106
1892.	2/ 6,030	2/ 757	-	-	(2)	(2)
1897.	1,472	199	-	-	747	55
1898.	1,503	206	-	-	818	61
1901.	1,478	258	-	-	779	59
1904.	1,336	304	-	-	740	65
1908.	809	223	-	-	656	54
1921.	770	216	-	-	188	33
1926.	587	292	-	-	264	56
1929.	936	435	3	1	586	131
1930.	840	376	3	1	502	70
1931.	1,265	407	1	(1)	330	34
1932.	885	147	-	-	527	36
1933.	1,945	276	-	-	222	14
1935.	1,645	261	-	-	779	72
1937.	2,531	443	-	-	783	87
1938.	2,243	303	-	-	372	34
1939.	2,223	341	1	(1)	691	48
1940.	2,808	474	1	(1)	437	37
1942.	2,250	730	-	-	561	105
1943.	4,133	2.468	-	-	734	250
1944.	6,818	3,341	-	-	484	150
1945.	3,402	2,064	-	-	251	90
1946.	8,740	2,421	-	-	325	130
1947.	10,331	3,444	-	-	183	69
1948.	7,271	2,424	-	-	222	71
1949.	7,294	2,441	-	-	74	28
1950.	7,721	2,809	-	-	33	14
1951.	7,072	2,518	-	-	39	17
1952.	5,520	2,759	-	-	29	16
1953.	4,050	2,025	-	-	32	21
1954.	2,452	1,269	-	-	38	22
1955.	2,657	1,520	-	-	35	18
1956.	3,575	1,975	-	-	155	67
1957.	3,582	1,948	3	1	160	62
1958.	3,737	1,869	8	2	206	67
1959.	3,407	2,099	15	3	262	86
1960.	3,888	2,392	6	1	153	44
1961.	4,291	2,493	14	3	143	38
1962.	4,836	2,926	15	4	93	27
1963.	5,311	3,081	8	2	99	28
1964.	5,402	4,136	6	1	181	56
1965.	5,948	5,149	5	2	205	67
1966.						

YEAR	NEW YORK - CONTINUED				NEW JERSEY	
	SURF		TOTAL		HARD	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880.	-	-	6,203	518	3,132	196
1887.	-	-	3,090	339	2/ 4,225	2/ 838
1888.	-	-	3,007	332	2/ 4,385	2/ 880
1889.	-	-	5,572	703	3,414	312
1890.	-	-	5,782	710	3,396	343
1891.	-	-	6,031	757	3,454	372
1892.	-	-	6,030	757	2,991	349
1897.	-	-	2,219	254	4,730	544
1898.	-	-	2,321	267	4,495	524
1901.	-	-	2,257	317	4,246	553
1904.	92	7	2,168	376	2,166	352
1908.	167	14	1,632	291	2,184	316
1921.	48	11	1,006	260	782	365
1926.	59	15	910	363	637	310
1929.	205	28	1,730	595	1,355	474
1930.	291	35	1,636	482	1,712	673

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC PRODUCTION OF CLAM MEATS, 1880-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	NEW YORK - CONTINUED				NEW JERSEY	
	SURF		TOTAL		HARD	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1931	316	18	1,912	464	1,356	326
1932	353	18	1,765	201	1,356	201
1933	379	18	2,546	313	1,476	224
1935	523	23	2,947	376	3,463	500
1937	972	60	4,286	590	2,523	431
1938	809	52	3,424	479	2,925	376
1939	308	14	3,223	403	1,843	269
1940	660	30	3,906	546	2,366	340
1942	340	29	3,151	864	1,802	558
1943	475	50	5,342	2,768	1,933	628
1944	912	116	8,214	3,607	2,094	679
1945	3,982	500	7,635	2,659	4,838	1,629
1946	6,482	770	15,547	3,821	(3)	(3)
1947	3,315	345	13,829	3,858	4/3,226	4/1,119
1948	3,521	366	11,014	2,861	4,007	1,602
1949	4,904	470	12,272	2,939	4,045	1,450
1950	3,286	331	11,040	3,154	5,085	1,824
1951	4,046	422	11,157	2,957	4,372	1,661
1952	4,138	431	9,687	3,206	3,626	1,414
1953	3,345	418	7,427	2,464	3,341	1,745
1954	3,360	420	5,850	1,711	3,019	1,490
1955	2,026	253	4,718	1,791	3,119	1,249
1956	2,368	306	6,098	2,348	2,885	980
1957	1,599	220	5,344	2,231	2,355	824
1958	429	69	4,380	2,007	2,580	896
1959	514	61	4,198	2,249	2,011	692
1960	722	85	4,769	2,522	2,552	900
1961	722	65	5,170	2,599	1,687	732
1962	840	76	5,784	3,033	1,340	536
1963	974	91	6,392	3,702	1,584	635
1964	1,218	109	6,807	4,302	1,894	820
1965	1,505	127	7,663	5,345	1,873	860
1966	1,840	148	8,705	6,023	2,675	1,224

YEAR	NEW JERSEY - CONTINUED					
	SOFT		SURF		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880	660	33	-	-	3,792	229
1887	(2)	(2)	-	-	4,225	838
1888	(2)	(2)	-	-	4,385	880
1889	772	45	-	-	4,186	357
1890	815	47	-	-	4,211	390
1891	827	48	-	-	4,281	420
1892	595	35	-	-	3,586	384
1897	745	64	-	-	5,475	608
1898	795	66	-	-	5,290	590
1901	903	55	13	1	5,162	609
1904	973	70	67	6	3,206	428
1908	205	11	99	7	2,488	336
1921	144	21	-	-	926	386
1926	145	25	-	-	782	335
1929	230	43	44	7	1,629	524
1930	629	88	132	15	2,473	776
1931	1,219	96	181	10	2,756	432
1932	668	26	137	6	2,161	233
1933	914	46	146	6	2,536	276
1935	1,056	70	314	14	4,833	584
1937	1,178	68	614	19	4,315	518
1938	875	55	805	20	4,605	451
1939	785	55	833	25	3,461	349
1940	781	47	573	25	3,720	412
1942	826	53	413	18	3,041	629
1943	353	42	170	10	2,456	680
1944	717	142	15	2	2,826	823
1945	396	50	526	47	5,760	1,726
1946	(3)	(3)	(3)	(3)	(3)	(3)
1947	1,799	316	169	21	4/5,194	4/1,456
1948	3,250	569	177	23	7,434	2,194
1949	937	164	408	39	5,390	1,653
1950	450	157	4,298	416	9,833	2,397
1951	376	147	6,420	622	11,168	2,430

SEE FOOTNOTES AT END OF PAGE.

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC PRODUCTION OF CLAM MEATS, 1880-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	NEW JERSEY - CONTINUED					
	SOFT		SURF		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1952.	298	118	6,418	802	10,342	2,334
1953.	192	67	6,878	790	10,411	2,602
1954.	99	62	6,877	844	9,995	2,396
1955.	112	70	8,278	967	11,509	2,286
1956.	96	36	11,583	1,277	14,564	2,293
1957.	125	39	15,224	1,867	17,704	2,730
1958.	87	27	12,462	1,317	15,129	2,240
1959.	94	40	20,164	1,622	22,269	2,354
1960.	45	19	23,448	1,546	26,045	2,465
1961.	21	9	26,697	1,693	28,405	2,434
1962.	17	7	29,830	1,917	31,187	2,460
1963.	15	6	37,548	2,580	39,147	3,221
1964.	22	9	36,875	2,504	38,791	3,333
1965.	34	14	42,307	3,048	44,214	3,922
1966.	77	32	43,174	3,714	45,926	4,970

YEAR	DELAWARE						TOTAL	
	HARD		SURF		TOTAL		HARD	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880.	6	(1)	-	-	6	(1)	5,933	458
1887.	12	2	-	-	12	2	2/6,911	2/1,136
1888.	13	2	-	-	13	2	2/6,992	2/1,171
1889.	20	2	-	-	20	2	7,595	917
1890.	22	2	-	-	22	2	7,620	952
1891.	22	2	-	-	22	2	8,001	1,025
1892.	21	2	-	-	21	2	2/9,042	2/1,108
1897.	7	2	-	-	7	2	6,209	745
1898.	(3)	(3)	-	-	(3)	(3)	(3)	(3)
1901.	8	1	-	-	8	1	5,732	812
1904.	10	2	-	-	10	2	3,512	658
1908.	7	1	-	-	7	1	3,000	542
1921.	4	2	-	-	4	2	1,556	583
1926.	53	24	-	-	53	24	1,277	626
1929.	61	22	-	-	61	22	2,352	931
1930.	25	6	-	-	25	6	2,577	1,055
1931.	25	5	-	-	25	5	2,646	738
1932.	30	7	-	-	30	7	2,271	355
1933.	201	32	-	-	201	32	3,622	532
1935.	108	13	-	-	108	13	5,216	794
1937.	23	3	-	-	23	3	5,077	877
1938.	24	3	-	-	24	3	5,192	772
1939.	35	5	-	-	35	5	4,101	615
1940.	33	4	-	-	33	4	5,207	823
1942.	13	3	-	-	13	3	4,065	1,291
1943.	33	9	-	-	33	9	6,099	3,105
1944.	26	8	-	-	26	8	8,938	4,028
1945.	31	9	-	-	31	9	8,271	3,707
1946.	(3)	(3)	-	-	(3)	(3)	(3)	(3)
1947.	9	3	-	-	9	3	13,566	4,566
1948.	158	63	-	-	158	63	11,436	4,089
1949.	249	76	-	-	249	76	11,588	3,967
1950.	808	273	-	-	808	273	13,614	4,906
1951.	912	312	-	-	912	312	12,356	4,491
1952.	501	112	-	-	501	112	9,647	4,285
1953.	450	253	-	-	450	253	7,841	4,023
1954.	481	240	-	-	481	240	5,952	2,999
1955.	444	154	-	-	444	154	6,220	2,923
1956.	804	255	2	(1)	806	255	7,264	3,210
1957.	505	156	192	18	697	174	6,442	2,928
1958.	322	104	780	93	1,102	197	6,639	2,869
1959.	343	126	1,705	170	2,048	296	5,761	2,917
1960.	484	192	478	48	962	240	6,924	3,484
1961.	582	232	-	-	582	232	6,560	3,457
1962.	378	146	99	9	477	155	6,554	3,608
1963.	262	106	-	-	262	106	7,157	4,322
1964.	418	185	-	-	418	185	7,714	5,141
1965.	363	185	-	-	363	185	8,184	6,194
1966.	264	140	-	-	264	140	9,520	7,152

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MIDDLE ATLANTIC PRODUCTION OF CLAM MEATS, 1880-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	TOTAL - CONTINUED						GRAND TOTAL	
	RAZOR		SOFT		SURF			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
188[illegible]	-	-	4,068	289	-	-	10,001	747
1887	-	-	2/ 416	2/ 43	-	-	7,327	1,179
1888	-	-	2/ 413	2/ 43	-	-	7,405	1,214
1889	-	-	2,183	145	-	-	9,778	1,062
1890	-	-	2,395	150	-	-	10,015	1,102
1891	-	-	2,333	154	-	-	10,334	1,179
1892	-	-	2/ 595	2/ 35	-	-	9,637	1,143
1897	-	-	1,492	119	-	-	7;701	864
1898	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1901	-	-	1,682	114	13	1	7,427	927
1904	-	-	1,713	135	159	13	5,384	806
1908	-	-	861	65	266	21	4,127	628
1921	-	-	332	54	48	11	1,936	648
1926	-	-	409	81	59	15	1,745	722
1929	3	1	816	174	249	35	3,420	1,141
1930	3	1	1,131	158	423	50	4,134	1,264
1931	1	(1)	1,549	135	497	28	4,693	901
1932	-	-	1,195	62	490	24	3,956	441
1933	-	-	1,136	65	525	24	5,283	621
1935	-	-	1,835	142	837	37	7,888	973
1937	-	-	1,961	155	1,586	79	8,624	1,111
1938	-	-	1,247	89	1,614	72	8,053	933
1939	1	(1)	1,476	103	1,141	39	6,719	757
1940	1	(1)	1,218	84	1,233	55	7,659	962
1942	-	-	1,387	158	753	47	6,205	1,496
1943	-	-	1,087	292	645	60	7,831	3,457
1944	-	-	1,201	292	927	118	11,066	4,438
1945	-	-	647	140	4,508	547	13,426	4,394
1946	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1947	(1)	(1)	1,982	385	3,484	366	19,032	5,317
1948	-	-	3,472	640	3,698	389	18,606	5,118
1949	-	-	1,011	192	5,312	509	17,911	4,668
1950	-	-	483	171	7,584	747	21,681	5,824
1951	-	-	415	164	10,466	1,044	23,237	5,699
1952	-	-	327	134	10,556	1,233	20,530	5,652
1953	-	-	224	88	10,223	1,208	18,288	5,319
1954	-	-	137	84	10,237	1,264	16,326	4,347
1955	-	-	147	88	10,304	1,220	16,671	4,231
1956	-	-	251	103	13,953	1,583	21,468	4,896
1957	3	1	285	101	17,015	2,105	23,745	5,135
1958	8	2	293	94	13,671	1,479	20,611	4,444
1959	15	3	356	126	22,383	1,853	28,515	4,899
1960	6	1	198	63	24,648	1,679	31,776	5,227
1961	14	3	164	47	27,419	1,758	34,157	5,265
1962	15	4	110	34	30,769	2,002	37,448	5,648
1963	8	2	114	34	38,522	2,671	45,801	7,029
1964	6	1	203	65	38,093	2,613	46,016	7,820
1965	5	2	239	81	43,812	3,175	52,240	9,452
1966	2	1	359	118	45,014	3,862	54,895	11,133

1/ LESS THAN 500 POUNDS OR $500.

2/ SOFT CLAMS INCLUDED WITH HARD CLAMS IN NEW JERSEY IN 1887 AND 1888 AND IN NEW YORK IN 1892.

3/ DATA NOT AVAILABLE.

4/ INCLUDES 300 POUNDS OF RAZOR CLAMS VALUED AT $60.

CLAM FORK

CHESAPEAKE PRODUCTION OF CLAM MEATS, 1880-1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	MARYLAND							
	HARD		SOFT		SURF		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880	40	2	-	-	-	-	40	2
1887	335	11	-	-	-	-	335	11
1888	327	11	-	-	-	-	327	11
1890	149	8	-	-	-	-	149	8
1891	148	8	-	-	-	-	148	8
1897	122	9	-	-	-	-	122	9
1901	108	14	-	-	-	-	108	14
1904	38	5	-	-	-	-	38	5
1908	82	16	-	-	-	-	82	16
1920	30	10	-	-	-	-	30	10
1925	110	47	-	-	-	-	110	47
1929	75	38	-	-	-	-	75	38
1930	81	40	-	-	-	-	81	40
1931	2	1	-	-	-	-	2	1
1932	27	4	-	-	-	-	27	4
1933	42	4	-	-	-	-	42	4
1934	32	3	-	-	-	-	32	3
1935	25	3	-	-	-	-	25	3
1936	48	5	-	-	-	-	48	5
1937	64	12	-	-	-	-	64	12
1938	53	10	-	-	-	-	53	10
1939	67	12	-	-	-	-	67	12
1940	79	17	-	-	-	-	79	17
1941	111	25	-	-	-	-	111	25
1942	160	49	-	-	-	-	160	49
1944	180	90	-	-	-	-	180	90
1945	119	62	-	-	-	-	119	62
1946	183	128	-	-	-	-	183	128
1947	249	125	6	1	-	-	255	126
1948	200	100	-	-	-	-	200	100
1949	236	95	2	(1)	-	-	238	95
1950	192	96	-	-	130	11	322	107
1951	216	108	82	41	1,532	138	1,830	287
1952	162	97	252	174	2,088	174	2,502	445
1953	130	72	315	189	2,454	204	2,899	465
1954	96	53	251	156	1,346	168	1,693	377
1955	58	22	1,294	431	1,695	141	3,047	594
1956	124	39	2,779	926	1,850	173	4,753	1,138
1957	373	174	2,744	915	934	134	4,051	1,223
1958	275	100	3,918	1,306	792	93	4,985	1,499
1959	243	106	4,481	1,425	850	70	5,574	1,601
1960	172	74	5,569	1,594	420	34	6,161	1,702
1961	457	217	4,692	1,231	71	6	5,220	1,454
1962	383	178	6,767	1,513	75	6	7,225	1,697
1963	489	265	6,859	1,499	64	5	7,412	1,769
1964	332	172	8,164	1,667	38	3	8,534	1,842
1965	242	135	7,654	1,548	275	22	8,171	1,705
1966	172	96	7,007	1,650	64	6	7,243	1,752

YEAR	VIRGINIA					
	HARD		SOFT		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880	364	19	-	-	364	19
1887	757	37	-	-	757	37
1888	773	38	-	-	773	38
1890	552	37	-	-	552	37
1891	559	36	-	-	559	36
1897	842	66	-	-	842	66
1901	1,765	135	-	-	1,765	135
1904	1,660	221	-	-	1,660	221
1908	1,969	380	-	-	1,969	380
1920	500	230	-	-	500	230
1925	1,080	422	-	-	1,080	422
1929	911	336	-	-	911	336
1930	1,213	392	-	-	1,213	392
1931	741	253	-	-	741	253
1932	1,485	348	-	-	1,485	348
1933	1,169	264	-	-	1,169	264
1934	2,609	364	-	-	2,609	364

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE PRODUCTION OF CLAM MEATS, 1880-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	VIRGINIA					
	HARD		SOFT		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1935.	1,644	371	-	-	1,644	371
1936.	2,625	407	-	-	2,625	407
1937.	1,631	271	-	-	1,631	271
1938.	2,810	375	2	1	2,812	376
1939.	2,024	338	-	-	2,024	338
1940.	1,764	353	-	-	1,764	353
1941.	1,563	339	-	-	1,563	339
1942.	1,672	554	-	-	1,672	554
1944.	834	378	-	-	834	378
1945.	1,011	525	-	-	1,011	525
1946.	978	667	-	-	978	667
1947.	879	439	-	-	879	439
1948.	1,567	783	-	-	1,567	783
1949.	1,496	641	-	-	1,496	641
1950.	1,378	689	-	-	1,378	689
1951.	1,267	627	-	-	1,267	627
1952.	1,128	673	-	-	1,128	673
1953.	873	484	-	-	873	484
1954.	729	389	-	-	729	389
1955.	887	489	16	9	903	498
1956.	796	441	38	16	834	457
1957.	725	434	23	8	748	442
1958.	711	426	7	3	718	429
1959.	1,690	832	29	9	1,719	841
1960.	1,661	756	1	(1)	1,662	756
1961.	1,861	865	3	1	1,864	866
1962.	1,690	812	3	1	1,693	813
1963.	2,096	1,012	-	-	2,096	1,012
1964.	2,453	1,219	-	-	2,453	1,219
1965.	2,487	1,337	220	47	2,707	1,384
1966.	1,860	1,010	398	87	2,258	1,097

YEAR	TOTAL						GRAND TOTAL	
	HARD		SOFT		SURF			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880.	404	21	-	-	-	-	404	21
1887.	1,092	48	-	-	-	-	1,092	48
1888.	1,100	49	-	-	-	-	1,100	49
1890.	701	45	-	-	-	-	701	45
1891.	707	44	-	-	-	-	707	44
1897.	964	75	-	-	-	-	964	75
1901.	1,873	149	-	-	-	-	1,873	149
1904.	1,698	226	-	-	-	-	1,698	226
1908.	2,051	396	-	-	-	-	2,051	396
1920.	530	240	-	-	-	-	530	240
1925.	1,190	469	-	-	-	-	1,190	469
1929.	986	374	-	-	-	-	986	374
1930.	1,294	432	-	-	-	-	1,294	432
1931.	743	254	-	-	-	-	743	254
1932.	1,512	352	-	-	-	-	1,512	352
1933.	1,211	268	-	-	-	-	1,211	268
1934.	2,641	367	-	-	-	-	2,641	367
1935.	1,669	374	-	-	-	-	1,669	374
1936.	2,673	412	-	-	-	-	2,673	412
1937.	1,695	283	-	-	-	-	1,695	283
1938.	2,863	385	2	1	-	-	2,865	386
1939.	2,091	350	-	-	-	-	2,091	350
1940.	1,843	370	-	-	-	-	1,843	370
1941.	1,674	364	-	-	-	-	1,674	364
1942.	1,832	603	-	-	-	-	1,832	603
1944.	1,014	468	-	-	-	-	1,014	468
1945.	1,130	587	-	-	-	-	1,130	587
1946.	1,161	795	-	-	-	-	1,161	795
1947.	1,128	564	6	1	-	-	1,134	565
1948.	1,767	883	-	-	-	-	1,767	883
1949.	1,732	736	2	(1)	-	-	1,734	736
1950.	1,570	785	-	-	130	11	1,700	796
1951.	1,483	735	82	41	1,532	138	3,097	914
1952.	1,290	770	252	174	2,088	174	3,630	1,118

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

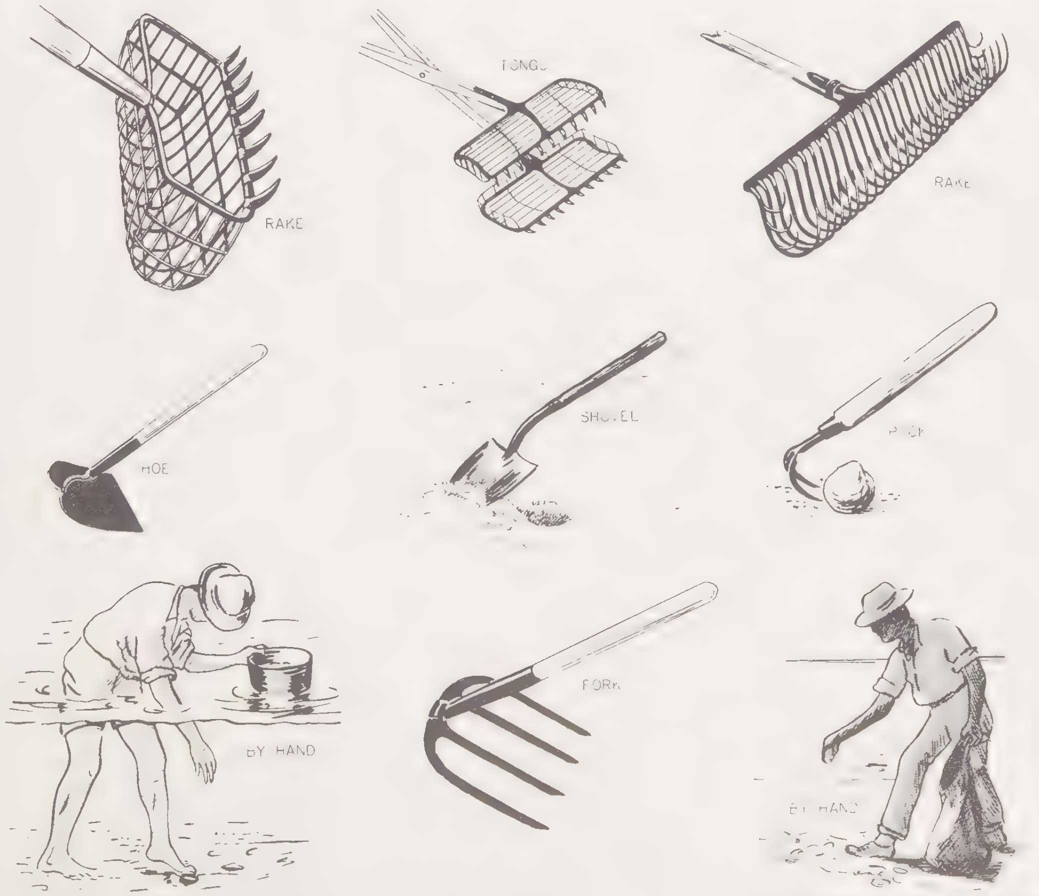
CHESAPEAKE PRODUCTION OF CLAM MEATS, 1880-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	TOTAL						GRAND TOTAL	
	HARD		SOFT		SURF			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1953.	1,003	556	315	189	2,454	204	3,772	949
1954.	825	442	251	156	1,346	168	2,422	766
1955.	945	511	1,310	440	1,695	141	3,950	1,092
1956.	920	480	2,817	942	1,850	173	5,587	1,595
1957.	1,098	608	2,767	923	934	134	4,799	1,665
1958.	986	526	3,925	1,309	792	93	5,703	1,928
1959.	1,933	938	4,510	1,434	850	70	7,293	2,442
1960.	1,833	830	5,570	1,594	420	34	7,823	2,458
1961.	2,318	1,082	4,695	1,232	71	6	7,084	2,320
1962.	2,073	990	6,770	1,514	75	6	8,918	2,510
1963.	2,585	1,277	6,859	1,499	64	5	9,508	2,781
1964.	2,785	1,391	8,164	1,667	38	3	10,987	3,061
1965.	2,729	1,472	7,874	1,595	275	22	10,878	3,089
1966.	2,032	1,106	7,405	1,737	64	6	9,501	2,849

1/ LESS THAN $500.

GEAR USED IN HARVESTING CLAMS



SOUTH ATLANTIC AND GULF PRODUCTION OF CLAM MEATS, 1880-1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	HARD		HARD		HARD	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880	310	16	48	3	24	2
1887	78	3	-	-	-	-
1888	148	6	-	-	-	-
1889	155	8	-	-	3	(1)
1890	226	12	-	-	4	(1)
1897	938	54	185	9	3	(1)
1902	1,175	87	225	13	10	1
1908	726	82	76	6	43	9
1918	198	46	1	(1)	(1)	(1)
1923	263	64	86	9	-	-
1927	315	71	46	7	1	(1)
1928	324	61	26	4	1	(1)
1929	380	60	20	3	2	(1)
1930	317	41	11	1	2	(1)
1931	332	31	-	-	1	(1)
1932	261	17	5	1	1	(1)
1934	338	34	47	6	-	-
1936	840	75	20	2	-	-
1937	430	34	8	(1)	-	-
1938	358	28	-	-	-	-
1939	628	50	(1)	(1)	-	-
1940	530	45	3	(1)	-	-
1945	502	151	1	(1)	-	-
1950	836	157	7	3	-	-
1951	835	192	18	7	-	-
1952	725	167	8	3	-	-
1953	445	116	12	3	-	-
1954	244	72	9	2	-	-
1955	122	35	2	(1)	-	-
1956	148	52	2	(1)	-	-
1957	243	98	13	4	-	-
1958	278	111	120	40	2	1
1959	340	136	111	37	-	-
1960	432	173	97	32	-	-
1961	490	196	109	38	-	-
1962	247	99	59	20	-	-
1963	332	130	73	25	-	-
1964	255	98	146	54	-	-
1965	313	137	67	24	-	-
1966	4/285	4/110	23	8	-	-

YEAR	FLORIDA					
	EAST COAST		WEST COAST			
	HARD		COQUINA		HARD	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880	5	(1)	-	-	-	-
1887	(2)	(2)	-	-	(2)	(2)
1888	(2)	(2)	-	-	2	(1)
1889	5	(1)	-	-	7	1
1890	6	(1)	-	-	7	1
1897	5	(1)	-	-	7	(1)
1902	5	(1)	-	-	1	(1)
1908	57	9	-	-	182	6
1918	2	1	-	-	161	14
1923	5	2	-	-	602	180
1927	10	1	-	-	954	42
1928	26	3	-	-	751	49
1929	14	3	-	-	732	48
1930	50	4	-	-	662	43
1931	3/ 10	3/ 1	-	-	790	35
1932	3/ 16	3/ 1	1	(1)	1,109	42
1934	33	1	6	1	502	25
1936	-	-	4	1	607	39
1937	28	2	4	(1)	720	47
1938	30	3	16	(1)	717	69
1939	49	4	16	(1)	764	75
1940	7	1	15	(1)	701	67
1945	3	2	54	14	688	172
1950	1	(1)	-	-	4	2

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HISTORICAL FISHERY STATISTICS

SOUTH ATLANTIC AND GULF PRODUCTION OF CLAM MEATS, 1880-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	FLORIDA					
	EAST COAST		WEST COAST			
	HARD		COQUINA		HARD	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1951.	8	4	-	-	9	4
1952.	1	(1)	-	-	10	5
1953.	10	5	-	-	12	6
1954.	5	2	-	-	26	6
1955.	6	11	-	-	16	4
1956.	(1)	(1)	-	-	18	6
1957.	-	-	-	-	41	13
1958.	1	(1)	-	-	19	6
1959.	2	(1)	-	-	17	5
1960.	2	(1)	-	-	18	6
1961.	4	2	-	-	15	5
1962.	3	1	-	-	226	50
1963.	1	(1)	-	-	7	2
1964.	1	(1)	-	-	72	24
1965.	24	10	-	-	114	42
1966.	2	1	-	-	4	1

YEAR	FLORIDA - CONTINUED		GRAND TOTAL		TOTAL, EXCLUSIVE OF FLORIDA, WEST COAST	
	WEST COAST - CONTINUED					
	TOTAL					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1880.	-	-	5	(1)	387	21
1887.	(2)	(2)	(2)	(2)	(2)	(2)
1888.	(2)	(2)	(2)	(2)	(2)	(2)
1889.	7	1	12	1	163	8
1890.	7	1	13	1	236	12
1897.	7	(1)	12	(1)	1,131	63
1902.	1	(1)	6	(1)	1,415	101
1908.	182	6	239	15	902	106
1918.	161	14	163	15	201	47
1923.	602	180	607	182	354	75
1927.	954	42	964	443	372	79
1928.	751	49	777	52	377	68
1929.	732	48	746	51	416	66
1930.	662	43	712	47	380	46
1931.	790	35	800	36	343	32
1932.	1,110	42	1,126	43	283	19
1934.	508	26	541	27	418	41
1936.	611	40	611	40	860	77
1937.	724	47	752	49	466	36
1938.	733	69	763	72	388	31
1939.	780	75	823	77	677	54
1940.	716	67	723	68	540	46
1945.	742	186	745	188	506	153
1950.	4	2	5	2	844	160
1951.	9	4	17	8	861	203
1952.	10	5	11	5	734	170
1953.	12	6	22	11	467	124
1954.	26	6	31	8	258	76
1955.	16	4	22	5	130	36
1956.	18	6	18	6	150	52
1957.	41	13	41	13	256	102
1958.	19	6	20	6	401	152
1959.	17	5	19	5	453	173
1960.	18	6	20	6	531	205
1961.	15	5	19	[illegible]	603	236
1962.	226	50	229	51	309	120
1963.	7	2	8	2	406	155
1964.	72	24	73	24	402	152
1965.	114	42	138	52	404	[illegible]
1966.	4	1	6	2	310	119

1/ LESS THAN 500 POUNDS OR $500.

2/ DATA NOT AVAILABLE.

3/ INCLUDES THE LANDINGS OF COQUINA CLAMS AS FOLLOWS: 1931, 5,740 POUNDS VALUED AT $48; 1932, 4,200 POUNDS VALUED AT $35.

4/ INCLUDES THE LANDINGS OF 52,000 POUNDS OF RANGIA CLAMS VALUED AT $17,000.

NOTE:--CLAM PRODUCTION IN THE GULF STATES IS CONFINED TO THE WEST COAST OF FLORIDA.

HISTORICAL FISHERY STATISTICS

PACIFIC COAST PRODUCTION OF CLAM MEATS, 1888-1966

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	ALASKA							
	COCKLE		HARD		RAZOR		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1888	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1892	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1899	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1904	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1908	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1915	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1916	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1919	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1920	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1921	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1922	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1923	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1924	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1925	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1926	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1927	-	-	-	-	222	29	222	29
1928	-	-	-	-	128	21	128	21
1929	-	-	-	-	246	41	246	41
1930	-	-	-	-	299	46	299	46
1931	-	-	16	2	366	61	382	63
1932	-	-	1	(3)	614	89	615	89
1933	-	-	1	(3)	365	49	366	49
1934	-	-	1	(3)	273	38	274	38
1935	-	-	8	1	300	38	308	39
1936	-	-	-	-	273	40	273	40
1937	-	-	3	1	281	47	284	48
1938	-	-	4	(3)	275	39	279	39
1939	-	-	1	(3)	296	48	297	48
1940	-	-	(3)	(3)	349	73	349	73
1941	-	-	10	2	179	47	189	49
1942	-	-	16	3	391	70	407	73
1943	-	-	54	7	642	124	696	131
1944	2	(3)	124	10	576	111	702	121
1945	3	(3)	185	15	597	115	785	130
1946	2	1	107	37	632	162	741	200
1947	1	(3)	3	1	212	58	216	59
1948	-	-	4	1	428	128	432	129
1949	-	-	4	1	595	204	599	205
1950	19	4	-	-	771	264	790	268
1951	8	3	(3)	(3)	824	348	832	351
1952	2	1	6	2	445	165	453	168
1953	5	2	21	6	520	193	546	201
1954	18	5	2	1	430	160	450	166
1955	-	-	41	14	689	256	730	270
1956	20	6	-	-	508	189	528	195
1957	(3)	(3)	-	-	543	202	543	202
1958	-	-	-	-	232	86	232	86
1959	-	-	-	-	394	131	394	131
1960	21	11	-	-	445	165	466	176
1961	2	1	-	-	324	120	326	121
1962	1	(3)	-	-	240	79	241	79
1963	-	-	-	-	144	52	144	52
1964	-	-	-	-	42	20	42	20
1965	-	-	1	1	88	40	89	41
1966	-	-	-	-	29	9	29	9

YEAR	WASHINGTON							
	HARD		RAZOR		SOFT		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1888	2/ 78	2/ 3	(2)	(2)	(2)	(2)	78	3
1892	2/178	2/ 6	(2)	(2)	(2)	(2)	178	6
1895	2/365	2/ 9	(2)	(2)	(2)	(2)	365	9
1899	2/814	2/ 23	(2)	(2)	(2)	(2)	814	23
1904	775	55	132	9	-	-	907	64
1908	155	13	234	22	-	-	389	35
1915	176	12	373	56	1	(3)	550	68
1916	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1919	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1920	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
1921	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST PRODUCTION OF CLAM MEATS, 1888-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	WASHINGTON							
	HARD		RAZOR		SOFT		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1922	92	11	949	107	-	-	1,041	118
1923	80	17	381	48	-	-	461	65
1924	203	26	524	73	-	-	727	99
1925	222	36	893	124	-	-	1,115	160
1926	215	[illegible]	1,288	[illegible]	-	-	1,503	255
1927	250	37	1,859	284	-	-	2,109	321
1928	215	32	1,535	298	-	-	1,750	330
1929	193	29	1,058	191	-	-	1,251	220
1930	515	38	800	152	-	-	1,315	190
1931	459	22	768	142	-	-	1,227	164
1932	407	23	526	105	-	-	933	128
1933	555	[illegible]	540	[illegible]	-	-	1,095	102
1934	683	40	548	74	-	-	1,231	114
1935	822	53	[illegible]	145	-	-	[illegible]	198
1936	878	64	860	128	-	-	1,738	192
1937	966	[illegible]	424	[illegible]	-	-	1,390	147
1938	863	67	1,125	187	-	-	1,988	254
1939	681	57	851	116	-	-	1,532	173
1940	500	43	924	116	-	-	1,424	159
1941	356	54	463	61	-	-	819	115
1942	172	31	154	37	-	-	326	68
1943	251	64	90	32	-	-	341	96
1944	275	96	262	73	-	-	537	169
1945	244	67	864	226	-	-	1,108	293
1946	443	130	861	268	-	-	1,304	398
1947	306	93	846	332	-	-	1,152	425
1948	258	76	529	291	-	-	787	367
1949	374	114	303	193	-	-	677	307
1950	251	78	135	91	-	-	386	169
1951	228	110	294	141	-	-	522	251
1952	299	115	290	104	-	-	589	219
1953	337	122	256	91	-	-	593	213
1954	392	154	251	66	-	-	643	220
1955	437	[illegible]	348	[illegible]	-	-	785	278
1956	415	141	293	132	-	-	708	273
1957	412	122	318	117	-	-	730	239
1958	442	165	432	127	-	-	874	292
1959	509	198	422	154	-	-	931	352
1960	524	213	186	100	-	-	710	313
1961	401	[illegible]	281	[illegible]	-	-	682	300
1962	408	173	232	93	-	-	640	266
1963	385	182	223	110	-	-	608	292
1964	351	169	167	111	-	-	518	280
1965	369	171	177	128	-	-	546	299
1966	337	164	170	104	-	-	507	268

YEAR	OREGON					
	HARD		RAZOR		SOFT	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1888	(2)	(2)	2/ 31	2/ 7	(2)	(2)
1892	(2)	(2)	2/ 21	2/ 1	(2)	(2)
1895	(2)	(2)	2/ [illegible]	2/ 2	(2)	(2)
1899	(2)	(2)	2/411	2/ 9	(2)	(2)
1904	-	-	31	3	-	-
1908	1	(3)	-	-	30	2
1915	-	-	77	11	22	3
1918	(1)	(1)	(1)	(1)	(1)	(1)
1919	(1)	(1)	(1)	(1)	(1)	(1)
1920	(1)	(1)	(1)	(1)	(1)	(1)
1921	(1)	(1)	(1)	(1)	(1)	(1)
1922	-	-	59	7	14	[illegible]
1923	-	-	49	6	[illegible]	1
1924	1	(3)	33	5	15	3
1925	-	-	89	14	[illegible]	4
1926	5	2	155	24	14	[illegible]
1927	-	-	164	25	-	-
1928	-	-	101	20	-	-
1929	-	-	47	9	[illegible]	1
1930	-	-	38	7	[illegible]	2
1931	-	-	51	9	[illegible]	2

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST PRODUCTION OF CLAM MEATS, 1888-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	OREGON					
	HARD		RAZOR		SOFT	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1932	-	-	31	6	-	-
1933	-	-	46	7	-	-
1934	-	-	38	6	-	-
1935	-	-	78	13	-	-
1936	-	-	65	12	-	-
1937	-	-	56	14	-	-
1938	-	-	103	25	-	-
1939	-	-	117	26	-	-
1940	-	-	153	27	-	-
1941	-	-	71	9	-	-
1942	-	-	6	1	-	-
1943	-	-	7	2	-	-
1944	-	-	21	5	-	-
1945	-	-	36	10	-	-
1946	-	-	40	13	-	-
1947	-	-	64	27	-	-
1948	-	-	89	53	-	-
1949	-	-	77	49	-	-
1950	-	-	128	78	-	-
1951	-	-	105	60	-	-
1952	-	-	131	61	-	-
1953	-	-	99	43	-	-
1954	-	-	67	19	-	-
1955	-	-	73	21	-	-
1956	-	-	38	16	-	-
1957	-	-	27	10	-	-
1958	-	-	37	11	-	-
1959	-	-	18	7	-	-
1960	-	-	20	10	-	-
1961	-	-	16	8	-	-
1962	-	-	11	5	-	-
1963	-	-	10	5	-	-
1964	-	-	15	9	-	-
1965	-	-	33	23	-	-
1966	-	-	35	24	-	-

YEAR	OREGON - CONTINUED				CALIFORNIA	
	MIXED		TOTAL		COCKLE	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1888	(2)	(2)	31	7	-	-
1892	(2)	(2)	21	1	-	-
1895	(2)	(2)	77	2	-	-
1899	(2)	(2)	411	9	-	-
1904	-	-	31	3	-	-
1908	-	-	31	2	-	-
1915	-	-	99	14	-	-
1918	(1)	(1)	(1)	(1)	6	(1)
1919	(1)	(1)	(1)	(1)	3	(1)
1920	(1)	(1)	(1)	(1)	2	(1)
1921	(1)	(1)	(1)	(1)	2	(1)
1922	-	-	73	15	4	(3)
1923	-	-	54	7	5	4
1924	-	-	49	8	1	1
1925	-	-	109	18	(3)	(3)
1926	-	-	174	31	2	2
1927	18	7	182	32	1	1
1928	10	4	111	24	3	2
1929	-	-	56	10	9	4
1930	-	-	63	9	30	10
1931	-	-	67	11	22	5
1932	15	2	46	8	37	9
1933	16	1	62	8	-	-
1934	38	2	76	8	-	-
1935	75	4	153	17	-	-
1936	86	7	151	19	-	-
1937	78	7	134	21	-	-
1938	93	8	196	33	-	-
1939	77	7	194	33	-	-
1940	69	6	222	33	-	-
1941	44	4	115	13	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST PRODUCTION OF CLAM MEATS, 1888-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	OREGON - CONTINUED				CALIFORNIA	
	MIXED		TOTAL		COCKLE	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1942.	26	3	32	4	-	-
1943.	20	2	27	4	-	-
1944.	37	4	58	9	-	-
1945.	62	7	98	17	-	-
1946.	65	13	105	26	-	-
1947.	46	12	110	39	-	-
1948.	30	8	119	61	-	-
1949.	32	8	109	57	-	-
1950.	38	9	166	87	-	-
1951.	38	9	143	69	-	-
1952.	40	9	171	70	-	-
1953.	36	10	135	53	-	-
1954.	28	8	95	27	-	-
1955.	29	8	102	27	-	-
1956.	27	8	65	24	-	-
1957.	24	7	51	17	-	-
1958.	17	5	54	16	-	-
1959.	16	5	34	12	-	-
1960.	14	5	34	15	-	-
1961.	10	5	26	13	-	-
1962.	27	13	38	18	-	-
1963.	21	10	31	15	-	-
1964.	13	8	28	17	-	-
1965.	9	7	42	30	-	-
1966.	10	8	45	32	-	-

YEAR	CALIFORNIA - CONTINUED					
	HARD		PISMO		RAZOR	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1918.	-	-	166	(1)	-	-
1919.	-	-	104	(1)	-	-
1920.	-	-	75	(1)	-	-
1921.	-	-	55	(1)	-	-
1922.	-	-	48	10	-	-
1923.	-	-	59	17	-	-
1924.	-	-	73	35	-	-
1925.	-	-	81	40	-	-
1926.	-	-	69	27	-	-
1927.	-	-	33	15	-	-
1928.	-	-	31	10	-	-
1929.	-	-	27	10	-	-
1930.	-	-	22	10	-	-
1931.	-	-	26	10	-	-
1932.	-	-	27	7	1	(3)
1933.	21	5	26	6	-	-
1934.	29	6	35	7	-	-
1935.	31	8	49	10	-	-
1936.	15	3	52	11	-	-
1937.	13	3	56	11	-	-
1938.	12	3	54	11	-	-
1939.	11	3	48	10	-	-
1940.	10	2	42	8	-	-
1941.	8	1	45	9	-	-
1942.	3	1	23	5	-	-
1943.	(3)	(3)	12	4	-	-
1944.	1	(3)	9	3	-	-
1945.	2	1	7	3	-	-
1946.	5	2	17	9	-	-
1947.	3	1	15	8	-	-
1948.	16	12	-	-	-	-
1949.	4/ 20	4/ 12	-	-	-	-
1950.	14	10	-	-	-	-
1951.	18	19	-	-	-	-
1952.	15	18	-	-	-	-
1953.	15	19	-	-	-	-
1954.	13	17	-	-	-	-
1955.	11	14	-	-	-	-
1956.	9	11	-	-	-	-
1957.	4	5	-	-	-	-
1958.	3	4	-	-	-	-
1959.	3	4	-	-	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST PRODUCTION OF CLAM MEATS, 1888-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	CALIFORNIA - CONTINUED					
	HARD		PISMO		RAZOR	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1960	2	3	-	-	-	-
1961	2	3	-	-	-	-
1962	2	[illegible]	-	-	-	-
1963	1	1	-	-	-	-
1964	1	1	-	-	-	-
1965	(3)	(3)	-	-	-	-
1966	1	(3)	-	-	-	-

YEAR	CALIFORNIA - CONTINUED					
	SOFT		MIXED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1888	-	-	1,191	78	1,191	78
1892	-	-	1,241	27	1,241	27
1895	-	-	787	15	787	15
1899	-	-	1,079	31	1,079	31
1904	140	18	96	11	236	29
1908	468	5	132	4	600	9
1915	67	18	66	18	133	36
1918	52	(1)	19	(1)	243	(1)
1919	50	(1)	10	(1)	167	(1)
1920	39	(1)	12	(1)	128	(1)
1921	36	(1)	9	(1)	102	(1)
1922	57	22	5	2	114	34
1923	47	11	4	2	115	34
1924	41	16	7	3	122	55
1925	44	28	9	6	134	74
1926	41	22	5	3	117	54
1927	25	13	10	5	69	34
1928	25	10	6	3	65	25
1929	17	10	2	1	55	25
1930	37	9	5	1	94	30
1931	33	8	8	2	89	25
1932	61	14	(3)	(3)	126	30
1933	63	13	-	-	110	24
1934	71	16	-	-	135	29
1935	48	10	-	-	128	28
1936	29	6	-	-	96	20
1937	30	8	-	-	99	22
1938	28	6	-	-	94	20
1939	24	3	-	-	83	16
1940	20	3	-	-	72	13
1941	21	3	-	-	74	13
1942	23	4	-	-	49	10
1943	15	3	-	-	27	7
1944	10	2	-	-	20	5
1945	4	1	-	-	13	5
1946	7	1	-	-	29	12
1947	7	1	-	-	25	10
1948	1	(3)	-	-	17	12
1949	-	-	-	-	4/ 20	4/ 12
1950	-	-	-	-	14	10
1951	-	-	-	-	18	19
1952	-	-	-	-	15	18
1953	-	-	-	-	15	19
1954	-	-	-	-	13	17
1955	-	-	-	-	11	14
1956	-	-	-	-	9	11
1957	-	-	-	-	4	5
1958	-	-	-	-	3	4
1959	-	-	-	-	3	4
1960	-	-	-	-	2	3
1961	-	-	-	-	2	3
1962	-	-	-	-	2	2
1963	-	-	-	-	1	1
1964	-	-	-	-	1	1
1965	-	-	-	-	(3)	(3)
1966	-	-	-	-	1	(3)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST PRODUCTION OF CLAM MEATS, 1888-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	TOTAL					
	COCKLE		HARD		PISMO	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1888	(1)	(1)	(1)	(1)	-	-
1892	-	-	178	6	-	-
1895	(1)	(1)	(1)	(1)	-	-
1899	(1)	(1)	(1)	(1)	-	-
1904	(1)	(1)	(1)	(1)	-	-
1908	(1)	(1)	(1)	(1)	-	-
1915	(1)	(1)	(1)	(1)	-	-
1918	(1)	(1)	(1)	(1)	-	-
1919	(1)	(1)	(1)	(1)	166	(1)
1920	(1)	(1)	(1)	(1)	104	(1)
1921	(1)	(1)	(1)	(1)	75	(1)
1922	(1)	(1)	(1)	(1)	55	(1)
1923	(1)	(1)	(1)	(1)	48	10
1924	(1)	(1)	(1)	(1)	59	17
1925	(1)	(1)	(1)	(1)	73	35
1926	(1)	(1)	(1)	(1)	81	40
1927	1	1	250	37	69	27
1928	3	2	215	32	33	15
1929	9	4	193	29	31	10
1930	30	10	515	38	27	10
1931	22	5	475	24	22	10
1932	37	9	408	20	26	10
1933	-	-	577	30	27	7
1934	-	-	713	42	26	9
1935	-	-	861	62	35	7
1936	-	-	893	67	49	10
1937	-	-	982	71	52	11
1938	-	-	879	70	56	11
1939	-	-	693	60	54	11
1940	-	-	510	45	46	10
1941	-	-	374	57	42	8
1942	-	-	191	35	43	7
1943	-	-	305	71	23	5
1944	2	(3)	400	86	12	4
1945	3	(3)	431	83	9	3
1946	2	1	555	169	7	3
1947	1	(3)	312	95	17	9
1948	-	-	278	89	15	8
1949	-	-	4/398	4/127	-	-
1950	19	4	265	88	-	-
1951	8	3	246	129	-	-
1952	2	1	320	135	-	-
1953	5	2	373	147	-	-
1954	18	5	407	172	-	-
1955	-	-	484	206	-	-
1956	20	6	424	152	-	-
1957	(3)	(3)	416	127	-	-
1958	-	-	445	164	-	-
1959	-	-	512	202	-	-
1960	21	11	526	216	-	-
1961	2	1	403	170	-	-
1962	1	(3)	410	175	-	-
1963	-	-	386	183	-	-
1964	-	-	352	170	-	-
1965	-	-	370	172	-	-
1966	-	-	338	164	-	-

YEAR	TOTAL - CONTINUED						GRAND TOTAL	
	RAZOR		SOFT		MIXED			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1888	(1)	(1)	(2)	(2)	1,191	78	(1)	(1)
1892	21	1	(2)	(2)	1,241	27	1,440	34
1895	(1)	(1)	(2)	(2)	787	15	(1)	(1)
1899	(1)	(1)	(2)	(2)	1,079	31	(1)	(1)
1904	(1)	(1)	140	18	76	11	(1)	(1)
1908	(1)	(1)	498	7	132	4	(1)	(1)
1915	(1)	(1)	90	21	66	18	(1)	(1)
1918	(1)	(1)	52	(1)	14	(1)	(1)	(1)
1919	(1)	(1)	50	(1)	10	(1)	(1)	(1)
1920	(1)	(1)	39	(1)	12	(1)	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST PRODUCTION OF CLAM MEATS, 1888-1966 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	TOTAL - CONTINUED						GRAND TOTAL	
	RAZOR		SOFT		MIXED			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1921	(1)	(1)	36	(1)	9	(1)	(1)	(1)
1922	(1)	(1)	71	30	5	2	(1)	(1)
1923	(1)	(1)	52	12	4	2	(1)	(1)
1924	(1)	(1)	56	19	7	3	(1)	(1)
1925	(1)	(1)	64	32	9	6	(1)	(1)
1926	(1)	(1)	55	27	5	3	(1)	(1)
1927	2,245	338	25	13	28	12	2,582	416
1928	1,764	339	25	10	16	7	2,054	400
1929	1,351	241	26	11	2	1	1,608	296
1930	1,137	207	62	11	5	1	1,771	277
1931	1,185	212	49	10	8	2	1,765	263
1932	1,172	203	61	14	15	2	1,720	255
1933	951	133	63	13	16	1	1,633	183
1934	859	122	71	16	38	2	1,716	189
1935	1,313	196	48	10	75	4	2,346	282
1936	1,198	180	29	6	86	7	2,258	271
1937	761	141	30	8	78	7	1,907	238
1938	1,503	251	28	6	93	8	2,557	346
1939	1,264	190	24	3	77	7	2,106	270
1940	1,426	216	20	3	69	6	2,067	278
1941	713	117	21	3	44	4	1,197	190
1942	551	108	23	4	26	3	814	155
1943	739	158	15	3	20	2	1,091	238
1944	859	209	10	2	37	4	1,317	304
1945	1,497	351	4	1	62	7	2,004	445
1946	1,533	443	7	1	65	13	2,179	636
1947	1,122	417	7	1	46	12	1,503	533
1948	1,046	472	1	(3)	30	8	1,355	569
1949	975	446	-	-	32	8	1,405	581
1950	1,034	433	-	-	38	9	1,356	534
1951	1,223	549	-	-	38	9	1,515	690
1952	866	330	-	-	40	9	1,228	475
1953	875	327	-	-	36	10	1,289	486
1954	748	245	-	-	28	8	1,201	430
1955	1,110	377	-	-	29	8	1,628	591
1956	839	337	-	-	27	8	1,310	503
1957	888	329	-	-	24	7	1,328	463
1958	701	224	-	-	17	5	1,163	398
1959	834	292	-	-	16	5	1,362	499
1960	651	275	-	-	14	5	1,212	507
1961	621	261	-	-	10	5	1,036	437
1962	483	177	-	-	27	13	921	365
1963	377	167	-	-	21	10	784	360
1964	224	140	-	-	13	8	589	318
1965	298	191	-	-	9	7	677	370
1966	234	137	-	-	10	8	582	309

1/ DATA NOT AVAILABLE.
2/ ALL CLAMS PRODUCED IN WASHINGTON ARE LISTED UNDER HARD CLAMS; THOSE IN OREGON ARE LISTED UNDER RAZOR CLAMS.
3/ LESS THAN 500 POUNDS OR $500.
4/ INCLUDES A SMALL QUANTITY OF MUSSELS TAKEN IN CALIFORNIA.

HARD CLAMS

MONTHLY AVERAGE EXVESSEL PRICES, 1954-66 1/

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE
						(CENTS PER POUND)							
1954	62.5	58.3	54.2	50.0	43.0	50.0	50.0	58.3	58.3	47.3	49.6	47.0	51.7
1955	58.3	58.3	58.3	58.3	50.0	54.2	58.3	58.3	58.3	58.3	58.3	58.3	57.2
1956	58.3	58.3	58.3	50.7	50.6	50.6	54.5	54.3	54.3	58.3	58.3	58.3	55.2
1957	58.3	50.5	58.3	50.5	42.5	54.4	58.3	58.3	58.3	50.4	58.3	58.3	54.4
1958	49.8	50.0	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
1959	52.7	51.7	51.5	59.0	58.9	59.0	66.7	66.7	66.4	66.7	66.7	66.7	61.6
1960	58.5	58.5	58.5	58.5	58.5	58.5	58.5	66.4	66.4	66.4	66.4	66.2	61.5
1961	66.7	75.0	58.3	58.3	58.3	63.3	58.3	58.3	58.3	50.0	58.3	58.3	59.1
1962	58.3	58.3	66.7	58.3	58.3	58.3	60.8	61.3	61.6	61.0	58.3	66.7	61.3
1963	70.9	67.1	56.4	59.4	60.7	59.5	63.3	74.6	75.8	75.9	71.7	74.4	67.4
1964	68.3	76.9	81.0	74.5	71.0	78.2	82.2	85.2	81.8	72.4	68.0	68.0	76.5
1965	82.2	84.4	86.2	85.8	84.7	86.0	91.2	87.9	88.4	89.3	91.5	75.6	86.6
1966	72.8	88.9	83.4	83.2	83.5	97.0	90.6	91.6	92.9	89.4	83.9	83.8	88.0

1/ NEW YORK WEIGHTED AVERAGE.

INDEX OF MONTHLY EXVESSEL PRICES, 1954-66 1/

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE
							(1957-59 = 100)						
1954	113.0	105.4	98.0	90.4	77.8	90.4	90.4	105.4	105.4	85.5	89.7	85.0	93.5
1955	105.4	105.4	105.4	105.4	90.4	98.0	105.4	105.4	105.4	105.4	105.4	105.4	103.4
1956	105.4	105.4	105.4	91.7	91.5	91.5	98.6	98.2	98.2	105.4	105.4	105.4	99.8
1957	105.4	91.3	105.4	91.3	76.9	98.4	105.4	105.4	105.4	91.1	105.4	105.4	98.4
1958	90.1	90.4	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
1959	95.3	93.5	93.1	106.7	106.5	106.7	120.6	120.6	120.1	120.6	120.6	120.6	111.4
1960	105.8	105.8	105.8	105.8	105.8	105.8	105.8	120.1	120.1	120.1	120.1	119.7	111.2
1961	120.6	135.6	105.4	105.4	105.4	114.5	105.4	105.4	105.4	90.4	105.4	105.4	106.9
1962	105.4	105.4	120.6	105.4	105.4	105.4	109.9	110.8	111.4	110.3	105.4	120.6	110.8
1963	128.2	121.3	102.0	107.4	109.8	107.6	114.5	134.9	137.1	137.3	129.7	134.5	121.9
1964	123.5	131.1	146.5	134.7	126.4	141.4	148.6	154.1	147.9	130.9	123.0	123.0	138.3
1965	148.6	152.6	155.9	155.2	153.2	155.5	164.9	159.0	159.9	161.5	165.5	136.7	156.6
1966	131.6	160.8	150.8	150.5	151.0	175.4	163.8	165.6	168.0	161.7	151.7	151.5	159.1

1/ NEW YORK WEIGHTED AVERAGE.

HARD CLAMS

MONTHLY AVERAGE WHOLESALE PRICES, 1959-66 1/

(DOLLARS PER BUSHEL)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE
1959	4.25	4.25	4.00	3,75	3.25	3.50	3.50	3.75	3.50	4.00	4.25	4.25	3.85
1960	4.25	4.25	4.75	4.00	3.63	4.00	4.00	3.50	4.00	4.00	4.00	5.00	4.12
1961	4.50	5.25	4.75	4.25	4.25	3.88	3.50	3.75	4.25	4.00	4.25	4.50	4.26
1962	4.35	4.60	4.99	4.36	3.88	4.13	4.11	4.05	4.52	4.46	4.44	5.33	4.44
1963	5.48	5.64	4.66	4.42	4.15	4.17	4.14	4.21	4.66	4.43	4.68	5.22	4.66
1964	5.75	5.00	4.75	4.75	4.50	4.50	4.00	3.75	4.75	4.50	4.50	4.75	4.62
1965	5.00	5.75	5.75	4.50	4.50	4.50	4.50	4.50	4.50	4.75	4.50	4.75	4.79
1966	5.25	6.00	5.25	5.00	4.56	4.55	4.69	4.75	5.00	4.75	4.75	4.75	4.94

1/ LONG ISLAND HARD, CHOWDER, CLAMS AT NEW YORK.

INDEX OF MONTHLY WHOLESALE PRICES, 1959-66 1/

(1960 = 100)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE
1959	103.2	103.2	97.1	91.0	78.9	85.0	85.0	91.0	85.0	97.1	103.2	103.2	93.4
1960	103.2	103.2	115.3	97.1	88.1	97.1	97.1	85.0	97.1	97.1	97.1	121.4	100.0
1961	109.2	127.4	115.3	103.2	103.2	94.2	85.0	91.0	103.2	97.1	103.2	109.2	103.4
1962	105.6	111.7	121.1	105.8	94.2	100.2	99.8	98.3	109.7	108.3	107.8	129.4	107.8
1963	133.0	136.9	113.1	107.3	100.7	101.2	100.5	102.2	113.1	107.5	113.6	126.7	113.1
1964	139.6	121.4	115.3	115.3	109.2	109.2	97.1	91.0	115.3	109.2	109.2	115.3	112.1
1965	121.4	139.6	139.6	109.2	109.2	109.2	109.2	109.2	109.2	115.3	109.2	115.3	116.3
1966	127.4	145.6	127.4	121.4	110.7	110.4	113.8	115.3	121.4	115.3	115.3	115.3	119.9

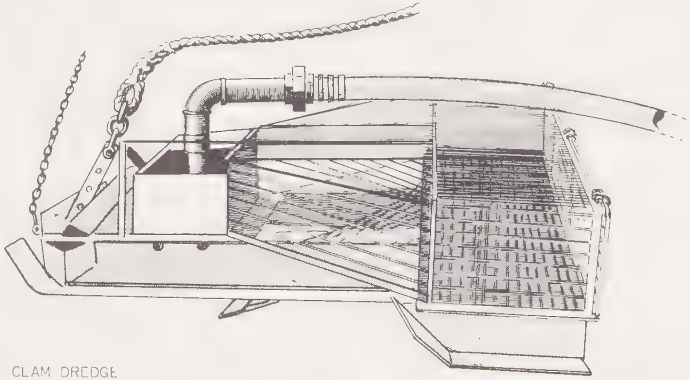
1/ LONG ISLAND HARD, CHOWDER CLAMS AT NEW YORK.

SOFT CLAMS

MONTHLY AVERAGE WHOLESALE PRICES, 1950-66 1/

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE
	(DOLLARS PER BUSHEL)												
1950	6.25	6.25	6.00	5.75	5.50	5.00	5.50	6.00	7.00	8.00	7.00	7.00	6.27
1951	7.25	7.00	6.75	6.75	7.00	8.00	8.00	8.00	8.00	9.00	9.00	8.25	7.75
1952	8.75	8.75	8.75	8.25	8.00	8.00	7.75	9.00	9.00	8.75	7.75	8.00	8.40
1953	8.00	7.75	6.50	5.00	6.00	6.75	9.00	10.00	11.00	9.00	9.00	8.75	8.06
1954	8.75	8.75	8.25	7.50	7.25	6.75	7.00	9.50	11.00	8.50	8.00	7.50	8.23
1955	7.50	7.75	7.50	5.75	5.75	6.00	6.25	7.00	7.75	8.00	8.00	7.00	7.02
1956	8.50	6.50	6.75	7.00	6.75	6.00	7.25	7.25	9.25	6.75	7.00	7.50	7.04
1957	8.00	7.50	6.50	7.00	6.75	6.75	6.75	6.75	6.75	6.75	6.75	7.25	6.96
1958	6.75	7.00	6.75	6.75	7.00	6.00	6.50	6.25	7.00	7.00	7.50	7.50	6.83
1959	7.50	7.75	7.50	6.50	7.00	7.00	6.75	7.00	6.75	6.75	6.50	6.50	6.96
1960	7.00	7.00	6.00	6.50	5.75	5.75	5.75	6.50	6.50	6.50	6.00	5.75	6.21
1961	6.25	6.75	6.00	5.25	5.75	5.25	5.50	5.50	5.50	5.50	5.75	5.25	5.69
1962	5.50	5.25	5.75	6.00	5.50	6.00	5.50	5.75	5.75	6.00	5.75	5.50	5.69
1963	5.25	5.50	5.50	5.50	5.50	5.50	5.50	5.75	5.75	5.50	5.25	5.50	5.50
1964	6.00	5.25	5.50	5.50	5.25	5.00	5.50	5.75	5.75	5.50	5.50	5.00	5.46
1965	5.50	5.25	5.50	5.00	5.25	5.50	5.50	5.75	5.75	5.75	5.75	5.75	5.52
1966	5.50	5.50	5.50	5.50	5.50	5.75	5.75	5.50	6.00	6.75	6.50	6.75	5.88

1/ MARYLAND SOFT CLAMS ON NEW YORK MARKET. PRICE ON FIFTEENTH OF MONTH.



HYDRAULIC CLAM DREDGE

SOFT CLAMS

INDEX OF MONTHLY WHOLESALE PRICES, 1950-66 1/

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE
							(1957-59 = 100)						
1950	90.3	90.3	86.7	83.1	79.5	72.3	79.5	86.7	101.2	115.6	101.2	101.2	90.6
1951	104.8	101.2	97.5	97.5	101.2	115.6	115.6	115.6	115.6	130.1	130.1	119.2	112.0
1952	126.4	126.4	126.4	119.2	115.6	115.6	112.0	130.1	130.1	126.4	112.0	115.6	121.4
1953	115.6	112.0	93.9	72.3	86.7	97.5	130.1	144.5	159.0	130.1	130.1	126.4	116.5
1954	126.4	126.4	119.2	108.4	104.8	97.5	101.2	137.3	159.0	122.8	115.6	108.4	118.9
1955	108.4	112.0	108.4	83.1	83.1	86.7	90.3	101.2	112.0	115.6	115.6	101.2	101.4
1956	122.8	93.9	97.5	101.2	97.5	86.7	104.8	104.8	104.8	97.5	101.2	108.4	101.7
1957	115.6	108.4	93.9	101.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	104.8	100.6
1958	97.5	101.2	97.5	97.5	101.2	86.7	93.9	90.3	101.2	101.2	108.4	108.4	98.7
1959	108.4	112.0	108.4	93.9	101.2	101.2	97.5	101.2	97.5	97.5	93.9	93.9	100.6
1960	101.2	101.2	86.7	86.7	83.1	83.1	83.1	93.9	93.9	93.9	86.7	83.1	89.7
1961	90.3	97.5	86.7	75.9	83.1	75.9	79.5	79.5	79.5	79.5	83.1	75,9	82.2
1962	79.5	75.9	83.1	86.7	79.5	86.7	79.5	83.1	83.1	86.7	83.1	79.5	82.2
1963	75.9	79.5	79.5	79.5	79.5	79.5	79.5	83.1	83.1	79.5	75.9	79.5	79.5
1964	86.7	75.9	79.5	79.5	75.9	72.3	79.5	83.1	83.1	79.5	79.5	72.3	78.9
1965	79.5	75.9	79.5	72.3	75.9	79.5	79.5	83.1	83.1	83.1	83.1	83.1	79.8
1966	79.5	79.5	79.5	79.5	72.3	83.1	83.1	79.5	86.7	97.5	93.9	97.5	85.0

1/ MARYLAND SOFT CLAMS ON NEW YORK MARKET.

SOFT CLAMS

MONTHLY AVERAGE EXVESSEL PRICES, 1959-66 1/

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE
						(CENTS PER POUND)							
1959	33.3	33.3	33.3	33.3	33.3	33.3	31.2	29.2	31.2	31.2	31.2	31.2	31.8
1960	33.3	33.3	31.2	29.2	25.0	25.0	33.3	33.3	33.3	31.2	29.2	31.2	30.7
1961	29.2	29.2	29.2	29.2	25.0	25.0	25.0	25.0	24.5	28.5	24.2	24.0	26.2
1962	24.2	24.7	24.0	22.7	22.4	20.8	22.1	22.4	21.4	21.0	23.5	23.4	22.2
1963	24.8	23.6	22.7	23.1	22.8	22.9	22.5	22.6	22.4	22.7	23.0	23.2	26.7
1964	23.0	22.8	22.1	21.5	19.6	20.4	20.1	20.0	20.3	19.3	18.3	18.3	20.6
1965	19.2	18.3	19.5	20.1	20.4	20.1	19.8	20.8	20.8	20.8	20.8	20.8	20.2
1966	20.8	20.8	20.8	20.8	20.8	20.8	21.4	21.4	29.2	31.2	29.2	29.2	23.5

1/ MARYLAND WEIGHTED AVERAGE.

INDEX OF MONTHLY EXVESSEL PRICES, 1959-66 1/

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE
							(1960 = 100)						
1959	108.5	108.5	108.5	108.5	108.5	108.5	101.6	95.1	101.6	101.6	101.6	101.6	103.5
1960	108.5	108.5	101.6	95.1	81.4	81.4	108.5	108.5	108.5	101.6	95.1	101.6	100.0
1961	95.1	95.1	95.1	95.1	81.4	81.4	81.4	81.4	79.8	92.8	78.8	78.2	85.3
1962	78.8	80.5	78.2	73.9	73.0	67.8	72.0	73.0	69.7	68.4	76.5	76.2	72.3
1963	80.8	76.9	73.9	75.2	74.3	74.6	73.3	73.6	73.0	73.9	74.9	75.6	87.0
1964	74.9	74.3	72.0	70.0	63.8	66.4	65.5	65.1	66.1	62.9	59.6	59.6	67.1
1965	62.5	59.6	63.5	65.5	66.4	65.5	64.5	67.8	67.8	67.8	67.8	67.8	65.8
1966	67.8	67.8	67.8	67.8	67.8	67.8	69.7	69.7	95.1	101.6	95.1	95.1	76.5

1/ MARYLAND WEIGHTED AVERAGE.

SURF CLAMS

MONTHLY AVERAGE EXVESSEL PRICES, 1956-66 1/

(CENTS PER POUND)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE
1956	11.5	7.5	7.5	7.5	8.0	13.6	13.5	13.5	13.5	13.3	11.0	11.3	10.9
1957	10.8	11.7	11.4	13.6	13.5	13.5	12.9	11.6	10.8	11.1	11.6	11.5	12.3
1958	10.6	10.4	10.4	10.4	10.4	11.3	10.4	10.8	10.8	10.4	10.4	10.4	10.6
1959	10.4	10.4	10.4	10.5	10.7	10.5	10.5	10.5	10.0	10.6	10.4	10.4	10.5
1960	7.9	7.9	5.9	5.9	5.9	6.3	6.7	6.8	6.9	6.7	6.5	6.4	6.6
1961	5.9	6.3	6.2	6.2	6.1	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3
1962	6.4	6.4	6.5	6.4	6.4	6.5	6.4	6.5	6.4	6.6	6.2	6.4	6.4
1963	6.3	6.4	6.5	6.7	7.1	7.1	7.1	7.2	7.2	7.2	6.8	6.8	6.9
1964	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
1965	6.8	6.8	6.8	6.8	6.8	6.8	7.7	7.7	7.7	7.7	7.7	7.7	7.2
1966	7.7	7.7	7.8	7.9	8.2	8.2	8.2	8.8	9.6	9.6	9.6	9.5	8.6

1/ NEW JERSEY WEIGHTED AVERAGE.

INDEX OF MONTHLY EXVESSEL PRICES, 1956-66 1/

(1957-59 = 100)

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	AVERAGE
1956	103.6	67.6	67.6	67.6	72.1	122.5	121.6	121.6	121.6	119.8	99.1	101.8	98.2
1957	97.3	105.4	102.7	122.5	121.6	121.6	116.2	104.5	97.3	100.0	104.5	103.6	110.8
1958	95.5	93.7	93.7	93.7	93.7	101.8	93.7	97.3	97.3	93.7	93.7	93.7	95.5
1959	93.7	93.7	93.7	94.6	96.4	94.6	94.6	94.6	90.1	95.5	93.7	93.7	94.6
1960	71.2	71.2	53.2	53.2	53.2	56.8	60.4	61.3	62.2	60.4	58.6	57.7	59.5
1961	53.2	56.8	55.9	55.9	55.0	58.6	58.6	58.6	58.6	58.6	57.7	57.7	56.8
1962	57.7	57.7	58.6	57.7	57.7	58.6	57.7	58.6	57.7	59.5	55.9	57.7	57.7
1963	56.8	57.7	58.6	60.4	64.0	64.0	64.0	64.9	64.9	64.9	61.3	61.3	62.2
1964	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
1965	61.3	61.3	61.3	61.3	61.3	61.3	69.4	69.4	69.4	69.4	69.4	69.4	64.9
1966	69.4	69.4	70.3	71.2	73.9	73.9	73.9	79.3	86.5	86.5	86.5	85.6	77.5

1/ NEW JERSEY WEIGHTED AVERAGE.

COMMERICAL FISHERIES OF THE GREAT LAKES, 1879-1966

By
Howard J. Buettner, Fishery Reporting Specialist
Bureau of Commercial Fisheries
Fish and Wildlife Service
Ann Arbor, Michigan

This report presents available catch data in a manner that provides an easy reference to information that heretofore has appeared in various publications. The U.S. catch of fourteen species is shown separately because of their abundance or economic importance to the fisheries. Data appearing in this report are for the five Great Lakes. Production from Lake St. Clair, the International lakes of northern Minnesota, and connecting waters are not shown. The data on catch were obtained from Commercial Fish Production in the Great Lakes, 1867-1960, Technical Report No. 3,(Baldwin and Saalfeld, 1962). The catch of species not listed in the publication, as well as production beginning with 1961, were obtained from various reports and bulletins of the Bureau of Commercial Fisheries, and its predecessors. As the data have been rounded to the nearest thousand, the figures will not necessarily correspond to the total.

The accuracy of the early records is questionable as the production of various species frequently had not been separated, either by failure to classify part of the catch or through misidentification of some species. Tables 1 through 6 contain available data for those U.S. catches that were separated and are, to our best knowledge, landings of those species. Generally, when catches of two or more species were combined, their production was placed in the miscellaneous column along with the landings of incidental and unidentified species.

The first complete U.S. statistical survey of these fisheries was made in 1879, and subsequent canvasses were made intermittently until 1913, after which surveys were conducted each year. Biologists recognized the need for sound statistics on both the catch and the fishing effort expended to produce that catch. A reporting form was developed and the State of Michigan placed it in use in 1927. The remaining seven Great Lakes States and the Province of Ontario are now collecting statistics by the same method, and all data are treated by the same analytical procedure. (See Hile, 1962, for an account of the collection and analysis of these statistics). State laws make it mandatory for fishermen to report their catch at the close of each month's fishing operations. All States except Minnesota turn these reports over to the Bureau's Branch of Fishery Statistics for compilation. Data on catch, value, employment, and operating units are released annually in a Bureau publication entitled Fishery Statistics of the United States. Beginning with the 1962 report, fishing effort data were included.

It is not the intent of this report to discuss the biological or economic conditions of these fisheries. However, a variety of conditions, such as supply, demand, and operational costs, have affected production.

References to fishes throughout the report are by common names. Most of these names conform with the approved list of the American Fisheries Society (1960) but a few are according to local or trade usage.

The abundant supply of fish played an important part in the settlement and development of the land areas that border these lakes. From the earliest settlements to about 1830, commercial fishing was confined almost seines were believed to be the initial gear in Lake Michigan, little is known of these early operations. The haul seine fishery was seasonal, usually carried on in the spring and fall when the fish entered shallower waters.

As more people moved into the Great Lakes area, there was increased demand for fishery products, and fishermen extended operations to the deeper waters. At this time, gill nets and then pound nets became popular; trap nets and longlines or setlines followed.

Dates for the first operation of each gear vary for the individual lakes. Haul seines were known to be used as early as 1807 in Lake Ontario, while in Lake Erie, the first records of this gear are for 1815. Gill nets were fished in Lake Huron in 1835. The pound net was used in Lake Huron in 1854, and in Lakes Michigan and Superior, records show this gear was in use in 1860. In Lake Michigan, the trap net appeared around 1885, and longlines or setlines were recorded in 1870.

At present, nine types of gear are fished commercially on the Great Lakes. In addition to the five gears mentioned above, fyke nets, trolling or handlines, dip nets, and trawls[1], are also used. For purposes of analysis of catch and effort, gill nets are subdivided into four mesh size groups: 1-1/4 to 2 inches; 2-1/8 to 3 inches; 4 to 7 inches; and 7-1/8 to 14 inches. The gill net is highly selective, and each mesh size group is used for the capture of certain species. A 1-1/4 to 2 inch mesh net is used to catch bait fish for longline fishing and will also capture large quantities of smelt as they enter the shallow water in the spring. A size of 2-1/8 to 3 inches is used primarily for the capture of chubs, lake herring, and yellow perch. A 4 to 7 inch net is fished for lake trout, whitefish, yellow pike, and suckers. The larger 7-1/8 to 14 inch net is designed to catch carp and sturgeon.

The entire roster of species taken in the early fisheries is not known. As the use of haul seines was widespread, however, it is assumed that the major portion of the catch consisted of those fish found in shallow water such as catfish and suckers (lake herring in Lake Superior). It is possible that some deep- and cold-water species were taken by this gear (a substantial lake trout and whitefish fishery existed in the Detroit River as early as 1885); but knowledge of these early fisheries does not allow further inferences to be made.

Sufficient data for later years are available to enable biologists to trace the abundance of fish stocks in relation to production and fishing pressure for entire lakes or specific areas. Within this period, production of the high-value fish has tended to decline, while the low-value fish have increased.

Since 1927, Federal and State research groups have made numerous investigations of these fisheries. It appears, however, that effective conservation of these fisheries requires more knowledge, especially in waters where low-priced species are overly abundant. It may be necessary, someday, to set quotas on production of certain species and to limit the number of fishermen.

United States and Canadian Production. The United States owns 64 percent of the water area in the Great Lakes and has outproduced Canada every year. The differences in the landings of the two countries, however, have been growing smaller. In 1962, Canadian landings were below the United States catch by only 8 million pounds. The catches from both countries were more nearly equal that year than for any other.

To demonstrate declines in landings for all lakes, data have been separated into the following periods: 1879-1908; 1914-29; 1930-39; 1940-49; 1950-59; and 1960-65. As complete U.S. data were not available for some lakes for early years, figures used for the fisheries are for the years 1879, 1885, 1889-90, 1893, 1897, 1899, 1903, 1908, and 1914-63. Figures for the following years are complete for only certain lakes (see individual lake tables): 1891-92, 1894-96, 1898, 1900-02, 1904-07, and 1911-13.

From 1879-1908, the United States accounted for 82 percent of the Great Lakes landings (Table 1). This percentage dropped to 73 percent in 1914-29, remained fairly constant for the next 20 years, dropped to 66 percent during 1950-59, and declined to 58 percent in 1960-65. The average annual landings in the United States during these periods were 102.3 million, 84.4 million, 80.1 million, 73.3 million, and 59.7 million pounds, respectively. Canada's average catch was 23.0 million, 31.6 million, 37.5 million, 37.1 million, and 42.8 million pounds, respectively, for the same periods. The total U.S. catch in 1964 was the lowest on record--53,559,000 pounds.

Lake Ontario. U.S. production in Lake Ontario (Table 2) has always been small in comparison with landings in the other lakes. The presence of the parasitic sea lamprey in Lake Ontario may have reduced the stocks of the deep-water fishes. A relatively deep lake, maximum depth 802 feet, it contains lake trout and lake exclusively to the Indians and employees of the Hudson Bay Company and the American and Northwest Fur Company (Bissel, 1887). An excellent review of the history and general conditions of these early fisheries can be found in two publications by Koelz (1926) and Van Oosten (1936).

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[1] The otter trawl was introduced in 1958. New York, Michigan, Illinois, Wisconsin, and Minnesota have issued permits for the use of this gear in Lakes Ontario, Michigan and Superior. In the State of Pennsylvania waters of Lake Erie, trawls are a licensed fishing gear.

In 1959, the Great Lakes fleet consisted of 511 vessels (5 net tons and over), 974 smaller motor crafts, and 171 nonmotor boats operated by 3,768 fishermen. In 1965, 2,290 fishermen were employed in the operation of 375 vessels, 987 smaller power craft, and 87 nonmotor boats. Although some of the larger craft operate in the trap net, pound net, and trawl fisheries, most fished gill nets. Many fish stocks occur in the deeper regions of the lakes, and these vessels are ideally suited to make the necessary long runs to the fishing grounds and to weather the severe storms that develop. Operators of smaller craft (less than 5 net tons) also fish gill nets but of shorter lengths than carried by vessels. Generally these small craft fish in the shallow waters, but it is not uncommon to find some operating miles from shore. Many of these smaller boats also operate in the longline and fyke net fisheries in bays and shallow water areas.

Craft usually return to port at the end of each day's fishing operation at which time fish are weighed, packed, and shipped; and crews perform various shore duties. Prior to the mid-1950's, when lake trout were plentiful, many of the larger operators employed shore crews for maintenance of gear. In the past 10 years, however, the poor economic condition of these fisheries has reduced the number of employees, especially those on shore. In periods of good fishing, a vessel employed three to five fishermen, but in recent years most of them operate with a crew of two or three. Many one-man operations are known.

Many changes, some bordering on disasters, have occurred in the Great Lakes fisheries. Among the major ones may be listed: the collapse of the lake herring fishery; and more recently, the whitefish, blue pike, sauger, and yellow pike or walleye fisheries in Lake Erie; the 1942-43 mortality that all but exterminated the smelt in Lakes Huron and Michigan; the recent great abundance of low value alewife in these lakes; and the consequences of the penetration of the sea lamprey into the three upper lakes. Other factors have changed and may have adversely affected the fisheries. Increase in the development of agricultural areas and timber cutting has resulted in soil erosion; use of fertilizers, insecticides and herbicides on farms; increases in human population; increased boat use; beach and channel improvements; and industrial and sewage wastes. All of these have played some role in the conditions that now exist in many of our fisheries. These events, rising costs, and an adverse market structure have brought the industry into severe economic distress.

Perhaps the greatest damage dealt the Great Lakes fisheries was the invasion of the sea lamprey. This parasite, shaped like an eel, is one of a primitive group of fishes. Instead of jaws it has a circular mouth containing horny teeth; this arrangement permits firm attachment to fish. It feeds on fish by rasping a hole in the flesh with the teeth on its tongue and sucks the blood and other body fluids. Fish normally die after one attack or become greatly weakened. The sea lamprey, an ocean inhabitant, became landlocked in Lake Ontario many years ago. Around 1921, the sea lamprey found its way into the other Great Lakes through the Welland Canal. It was never plentiful in Lake Erie where spawning conditions were not suitable (the sea lamprey spawns in cool-flowing water and builds its nest in rubble). They moved into Lakes Huron and Michigan and finally into Lake Superior, where the population became extremely plentiful. Lampreys destroyed stocks of lake trout in Lakes Huron and Michigan and did great damage in Lake Superior. The lake trout fishery which once yielded U.S. fishermen an annual catch valued at $4.1 million was worth only $79,000 in 1963. The reduction of the sea lamprey is being carried out by treatment of streams with a specific toxicant by the Bureau of Commercial Fisheries and the Fisheries Research Board of Canada under contract with the Great Lakes Fishery Commission. The use of this chemical in sea lamprey producing streams has reduced this species to 20 percent of its former abundance, and recovery of lake trout stocks is excellent.

Landings of fish in the Great Lakes are small in comparison with most coastal fisheries; yet the lakes are the principal or only commercial source of fresh-water fishery products in the United States. Some Great Lakes species, such as lake trout, whitefish, and yellow pike are gourmet items that bring high prices. The value of the lake fisheries has been considerable until the recent declines of the choicer species. To give just one example, when the Pacific sardine fishery was at its height--annual catches in excess of a billion pounds--the landings of Great Lakes fish had a value equal to that of the sardines.

Development of the Fisheries. In nearly all lakes, the earliest fisheries were prosecuted by haul seines (in Lake Huron this gear did not become important until 1912.) Although whitefish stocks; however, in recent years, the landings of these species have decreased.

Catches of blue pike, although never large compared with landings of this species in Lake Erie, accounted for at least 25 percent of the total annual lake catch during the period 1946-54 (as high as 70 percent in 1952). Since that time, landings have decreased and in 1963, less than 50 pounds were produced.

Although the reported U.S. catches were high during the early recorded history, mixed catches make it impossible to trace the trends of some species. We believe that large quantities of lake herring were landed during the early years.

The rise in U.S. production to 1,914,000 pounds in 1921 resulted from increased landings of chubs and lake herring (cisco). The catches of these species were mixed, but it is believed that the bulk of this production was lake herring.

Total production has declined since the earliest recorded landings; catches since 1941 have exceeded 1/2 million pounds in only one year, 1952.

For the period records are available, Canada has outproduced the United States in Lake Ontario every year, except in 1879. Since 1929 to the present time, Canada has accounted for at least 69 percent of the total production of Lake Ontario, ranging from 69 percent in 1940 to 94 percent in 1956.

The 1879-1908 U.S. catches in Lake Ontario averaged slightly over 2 million pounds. Production in 1913-29 averaged 685,000 pounds; and from 1960-65 landings averaged 260,000 pounds. The major portion of the present day U.S. production is landed at ports on Chaumont Bay, the extreme eastern end of Lake Ontario.

Lake Erie. In Lake Erie, a shallow warm-water lake, U.S. fishermen produced an average of 33.5 million pounds annually during the 55 year period from 1879-1959 (Table 3). In the early fishery, blue pike, lake herring (cisco), saugers, yellow perch, and yellow pike were landed in large quantities. These species, considered to be choice, brought a high dollar return to the producer. As with any warm-water area, however, considerable quantities of carp, suckers, and sheepshead also were available although little used.

The lake herring has almost vanished from Lake Erie. In 1924, production exceeded 21 million pounds, yet in 1925, landings were only 2,817,000 pounds. In 1926, catches dropped to 1,449,000 pounds, rose to 2,350,000 pounds in 1927, and declined to 618,000 pounds in 1928. Landings remained at very low levels for the next 9 years, rose to about 3/4 million pounds in 1938-39; but from 1940-44 catches were very small. Production in 1945 increased to 2,765,000 pounds, jumped to 6,638,000 pounds in 1946; landings declined to 1,177,000 pounds in 1947; and during the 1960-65 period the average catch was only 2,000 pounds.

Blue pike landings have declined drastically; in 1963 only 200 pounds were caught. Yellow perch, a consistently abundant species in all lakes except Lake Superior, is still produced in large amounts. The catch of yellow pike has dropped sharply in the last 5 years, and in 1962 reached an alltime low of 433,000 pounds. Production of whitefish has been sporadic. Catches of this species since 1879 have shown considerable decrease for 1 or more years and then have increased for a period. The lowest yields of whitefish occurred in 1962 and 1964 when only 3,000 pounds were taken. The sauger, once an important commercial fish, has steadily decreased in production, and since 1954 landings have been insignificant.

As supplies of blue pike, lake herring, lake whitefish, saugers, and yellow pike dwindled, the total U.S. catch decreased until the lowest yield (13,354,000 pounds) was reported in 1964.

Although other species such as carp, sheepshead, suckers, and white bass are available, their production does not make up for the loss of the high-priced species as the market can absorb only limited amounts of these low-value fish.

In 1879-1908 U.S. catches averaged 46.0 million pounds, then declined during the remaining periods as follows: 1914-29, 37.7 million; 1930-39, 30.6 million; 1940-49, 26.3 million; 1950-59, 25.2 million; and 1960-65 17.4 million pounds. From 1879-1953, the United States outproduced Canada; however, from 1954 to the present time, Canada's landings have accounted for the major portion of the total Lake Erie production.

Lake Huron. The total U.S. production in Lake Huron was fairly steady until 1939. Since that year, landings have been declining (Table 4). The sea lamprey has brought the production of lake trout to an end and affected adversely the stocks of whitefish, suckers, and yellow pike. Lake herring have not reproduced successfully in recent years. The failure of these species has dealt the industry a severe blow. On the other hand, chubs, never landed in large quantities, are now produced at a high rate.

The last good catches of whitefish were in 1947-48. In 1949, the take dropped to 530,000 pounds and it reached an alltime low of only 30,000 pounds in 1956. Since that year, it has increased slightly but never exceeded 500,000 pounds.

Since 1879, U.S. production has exceeded Canada's landings in all but 6 years--1890, 1892, and 1951-54. Total U.S. catches averaged 14.5 million pounds in 1879-1908; 12.1 in 1912-29; 13.9 in 1930-39; 7.8 in 1940-49; 4.9 in 1950-59; and 5.5 in 1960-65.

Lake Michigan. Lake Michigan (Table 5) is the only Great Lake lying entirely within the boundaries of the United States. Four States--Michigan, Indiana, Illinois, and Wisconsin--control the lake's fisheries.

Here, the effect of the sea lamprey depredation was widespread and catastrophic. First hit were the lake trout. Landings dropped from 5,437,000 pounds in 1945 to 4,000 pounds in 1952. At the same time, the take of chubs increased to reach an alltime high of 12,659,000 pounds in 1960.

Unquestionably, other species were affected by the sea lamprey. Principal among them have been whitefish, suckers, and the large chubs. With the disappearance of the lake trout, small chubs (bloaters), and alewives increased in abundance. The alewife, a species utilized for animal food and for reduction to meal and oil, also entered the Great Lakes from Lake Ontario through the Willand Canal as its predecessor, the sea lamprey. The first record of its invasion in Lake Michigan was in 1949, and the first catches were reported in 1956. Since that time it has increased in abundance and in 1965 14,006,758 pounds were landed (see table 8 for landings of this species by lake). Changes in these waters appear to be following those of Lake Ontario where the sea lamprey has been known to exist for numerous years and where production is low. When it was no longer profitable to fish for lake trout and lake whitefish, fishermen turned their efforts to catching yellow perch and chubs.

The effect of the 1942-43 smelt mortality was relatively shortlived. The catch for 1944 was only 5,000 pounds, but by 1958 production rose to over 9 million pounds.

Total average landings for the periods 1879-1908, 1911-29, 1930-39, 1940-49, 1950-59, and 1960-65 were 35.1, 23.6, 23.0, 28.3, and 24.6 million pounds, respectively.

Lake Superior. Lake Superior produces only lake trout, lake whitefish, and lake herring in quantity (Table 6). In recent years the catch of chubs and smelt has increased, while at the present time lake herring catches have been decreasing. This was the last lake invaded by the sea lamprey. As in Lakes Huron and Michigan, chubs catches increased with the loss of lake trout production.

The yearly average U.S. catch for the periods 1879-1908, 1913-29, 1930-39, 1940-49, 1950-59, and 1960-65 were 7.8, 10.9, 14.6, 18.8, 14.0, and 11.9 million pounds, respectively. This longtime increase in production from 1879-1949 was largely due to herring landings, and the decrease following is also attributable to that species. In 1965 only 4,732,000 pounds of lake herring were produced, the lowest recorded catch since 1922. Because the sea lamprey's heavy predation started much later than in Lakes Huron and Michigan, lake trout landings were fairly consistent until 1952. Some quantities of native lake trout remained in Lake Superior at the time the Bureau began its attempt to control the sea lamprey. Even though production of this species is low, now controlled by quota, biologists report that the abundance of lake trout is increasing.

Production by State. Complete data for all States are not available prior to 1935 (Table 7). The States in order of total production generally have been Michigan, Ohio, Wisconsin, Minnesota, Pennsylvania, New York, Illinois, and Indiana. In the last 4 years, Wisconsin has occupied second place because of the large catches made in the otter trawl fishery.

The portion of Lake Michigan over which Indiana has control is not especially productive. Some Indiana fishermen purchase licenses from the State of Michigan and fish in that State's waters. These catches were reported by the State of Indiana from 1935-43. Beginning in 1944, catches made in Michigan waters by Indiana fishermen were added to production of the State of Michigan.

The production of Ohio, Michigan, and Wisconsin accounts for approximately 80 percent of the total U.S. Great Lakes landings. Monthly landing bulletins for these three States are published by the Bureau.

It is evident that commercial fish landings in all States are decreasing. The average production for each state for the period 1955-59 and 1960-65 were: New York, 1.5 and 0.6 million; Pennsylvania, 2.4 and 1.2 million; Ohio 22.1 and 14.3 million; Michigan, 26.1 and 21.9 million; Indiana, 185,000 and 10,000; Illinois, 1.4 and 0.3 million; Wisconsin, 18.5 and 19.2 million; and Minnesota 4.5 and 2.2 million pounds. The average total U.S. catch for these same two periods was 76.8 and 59.7 million pounds.

The data appearing in this report make it clear that the Great Lakes fisheries are in severe economic distress. The choice, high-value species have become scarce. Although the supply of low-value fish is large, the production of these species is limited by the demand, which is relatively light. No single factor brought about the conditions that now prevail.

LITERATURE CITED

American Fisheries Society.
1960. A list of common and scientific names of fishes from the United States and Canada. (2d ed.) Its Special Publication No. 2, 102 p.

Baldwin, Norman S., and Robert W. Saalfeld.
1962. Commercial fish production in the Great Lakes 1867-1960. Great Lakes Fishery Commission, Technical Report No. 3, 166 p.

Bissel, John H.
1887. Fish and fish-culture in Michigan. Seventh Biennial Report, Michigan State Board of Fish Commissioners, appendix pp. 94-108.

Hile, Ralph.
1962. Collection and analysis of commercial fishery statistics in the Great Lakes. Great Lakes Fishery Commission, Technical Report No. 5, 31 p.

Koelz, Walter.
1926. Fishing industry of the Great Lakes. U.S. Bureau of Fisheries, Report of the Commissioner of Fisheries for the fiscal year 1925, appendix II (Document 1001), pp. 553-617.

Van Oosten, John.
1936. Fishing industry of the Great Lakes. U.S. Bureau of Fisheries, Memoranda, I-63, 13 pp. (Mimeographed).

HISTORICAL FISHERY STATISTICS

Table 1.--UNITED STATES GREAT LAKES LANDINGS BY SPECIES AND TOTAL CANADIAN LANDINGS, 1879-1966

(THOUSANDS OF POUNDS)

YEAR	BLUE PIKE	CARP	CATFISH	CHUBS	LAKE HERRING	LAKE TROUT	LAKE WHITEFISH	SAUGER	SHEEPS-HEAD
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879.	(1)	-	(1)	(3)	3/15,716	6,805	(1)	(1)	(1)
1885.	(1)	(1)	(1)	(3)	3/24,662	12,587	(1)	5,466	(1)
1889.	(1)	(1)	(1)	(3)	3/53,110	11,202	15,162	(1)	(1)
1890.	(1)	(1)	(1)	(3)	3/49,959	12,889	(2)	4,180	(1)
1893.	(1)	(1)	(1)	(1)	(1)	16,183	(1)	(1)	(1)
1897.	4,901	(1)	(1)	(3)	3/49,140	12,949	6,605	4,907	(1)
1899.	4,732	3,666	(1)	(3)	3/64,771	10,418	5,863	3,067	1,363
1903.	4,976	4,123	(1)	(3)	3/39,051	16,278	5,037	2,014	731
1908.	8,834	9,788	(1)	(3)	3/49,218	12,937	6,806	2,557	1,489
1914.	11,898	(1)	(1)	(3)	3/37,855	9,913	5,274	4,561	(1)
1915.	18,800	(1)	(1)	(3)	3/38,605	10,898	4,031	4,523	(1)
1916.	9,431	(1)	(1)	(3)	3/30,463	9,994	4,692	6,181	(1)
1917.	1,627	7,193	(1)	(3)	3/46,720	11,027	5,662	4,334	(1)
1918.	1,272	(1)	(1)	(3)	3/63,720	10,793	5,476	2,095	(1)
1919.	1,783	(1)	(1)	(3)	3/40,516	12,407	4,243	2,652	2,150
1920.	4,000	(1)	(1)	(3)	3/30,800	10,250	3,275	2,926	1,984
1921.	9,006	(1)	(1)	(3)	3/28,449	15,302	3,365	5,004	2,905
1922.	10,436	5,837	(1)	(3)	3/28,125	11,579	3,948	3,409	1,415
1923.	9,817	(1)	(1)	(3)	3/34,136	9,942	3,467	3,312	1,621
1924.	9,076	(1)	(1)	(3)	3/37,055	11,230	3,480	1,829	2,340
1925.	10,513	(1)	(1)	(3)	3/26,711	11,238	3,796	2,119	2,429
1926.	9,362	(1)	(1)	(3)	3/23,859	11,559	5,018	1,551	1,325
1927.	7,323	(1)	(1)	(3)	3/30,996	10,493	5,386	1,168	4,360
1928.	4,843	(1)	(1)	(3)	3/20,427	9,425	6,371	1,554	2,933
1929.	2,834	2,006	(1)	(3)	3/25,936	10,544	7,767	1,589	2,981
1930.	11,823	3,284	(1)	(3)	3/29,061	9,688	10,123	1,747	2,906
1931.	12,680	4,145	(1)	(3)	3/21,947	10,691	10,629	2,230	1,635
1932.	9,948	4,267	(1)	(3)	3/16,098	10,730	9,594	3,225	2,161
1933.	9,013	3,964	(1)	(3)	3/18,566	9,691	7,465	2,302	3,024
1934.	8,509	3,970	(1)	(3)	3/31,206	9,922	6,102	857	2,255
1935.	9,822	4,107	(1)	(3)	3/29,319	10,099	5,140	1,712	2,374
1936.	19,937	4,958	(1)	(3)	3/27,190	9,406	4,053	1,780	3,520
1937.	11,021	5,142	(1)	(3)	3/27,667	9,429	3,160	1,220	4,069
1938.	8,718	4,848	(1)	(3)	3/27,204	9,360	3,239	856	3,417
1939.	9,151	5,790	(1)	(3)	3/28,149	9,792	3,905	1,742	3,523
1940.	5,074	5,873	(1)	(3)	3/25,048	9,897	4,589	614	2,994
1941.	3,385	5,376	(1)	(3)	3/25,093	10,536	4,649	774	3,702
1942.	6,262	4,998	(1)	(3)	3/21,114	10,174	4,132	1,351	4,631
1943.	11,273	5,051	(1)	(3)	3/20,695	10,375	3,263	1,053	4,648
1944.	14,989	4,316	(1)	(3)	3/20,096	10,605	3,225	621	2,594
1945.	7,849	6,460	(1)	(3)	3/26,957	8,980	3,489	1,050	4,546
1946.	3,140	4,839	1,040	(3)	3/31,730	7,457	4,859	768	4,383
1947.	3,329	4,130	1,062	(3)	3/24,293	5,402	11.594	393	3,309
1948.	9,122	4,171	872	(3)	3/30,931	4,155	12,217	252	3,737
1949.	14,086	4,568	1,062	(3)	3/29,790	3,309	8,787	390	3,128
1950.	6,237	4,209	1,174	9,414	17,646	3,247	5,141	488	2,328
1951.	2,402	5,054	1,520	10,529	20,333	2,924	2,718	397	3,616
1952.	7,239	5,759	1,835	11,261	23,565	2,844	3,671	205	3,577
1953.	8,102	5,467	1,689	11,343	18,647	2,416	2,948	194	1,947
1954.	6,361	6,543	2,144	10,999	20,878	2,257	2,283	78	1,752
1955.	7,678	6,547	2,306	11,367	16,624	2,101	1,833	15	1,625
1956.	6,868	6,503	2,007	11,430	16,390	1,813	1,462	13	1,957
1957.	3,993	7,128	1,830	11,319	14,833	1,191	1,357	8	3,821
1958.	581	8,344	1,760	12,107	12,306	1,061	618	2	2,842
1959.	35	7,274	1,760	11,212	12,534	868	569	1	4,657
1960.	12	7,343	1,900	16,853	11,111	384	781	3	5,157
1961.	2	8,026	1,869	16,516	11,710	328	1,241	(1)	5,798
1962.	1	7,646	1,305	14,428	10,058	358	1,002	1	3,553
1963.	(2)	6,298	1,266	11,023	8,483	127	878	(1)	4,152
1964.	(2)	5,272	1,318	7,217	6,270	102	1,387	1	4,571
1965.	(2)	6,652	1,137	10,920	4,830	124	1,624	1	4,105
1966.	(2)	7,263	910	9,992	4,576	120	1,940	4	2,173

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HISTORICAL FISHERY STATISTICS

Table 1.--UNITED STATES GREAT LAKES LANDINGS BY SPECIES AND TOTAL CANADIAN LANDINGS, 1879-1966 - Continued

(THOUSANDS OF POUNDS)

YEAR	SMELT	SUCKERS	WHITE BASS	YELLOW PERCH	YELLOW PIKE (WALLEYE)	MISCEL-LANEOUS	TOTAL		
							UNITED STATES	CANADA	UNITED STATES AND CANADA
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879	-	(1)	(1)	(1)	(1)	44,370	66,891	9,347	76,238
1885	-	(1)	(1)	(1)	(1)	54,908	97,623	23,668	121,290
1889	-	3,883	(1)	8,541	(1)	23,677	115,575	28,362	143,937
1890	-	(1)	(1)	7,021	(1)	37,501	111,550	28,646	140,196
1893	-	(1)	(2)	7,932	(1)	83,467	107,582	26,629	134,211
1897	-	(1)	(2)	8,100	(1)	8,328	94,930	20,541	115,470
1899	-	(1)	1,579	9,847	3,941	10,177	119,424	26,107	145,530
1903	-	7,911	33	7,007	3,786	3,236	94,185	18,839	113,024
1908	-	6,901	222	6,611	3,983	3,969	113,315	24,473	137,789
1914	-	(1)	478	5,790	2,498	25,140	103,407	31,731	135,138
1915	-	(1)	694	6,118	3,194	24,724	111,587	38,279	149,865
1916	-	(1)	343	5,702	3,188	19,091	89,085	32,900	121,987
1917	-	6,918	333	4,259	2,992	6,374	97,439	37,798	135,237
1918	-	(1)	129	3,972	2,902	15,822	106,181	39,187	145,367
1919	-	(1)	193	6,608	2,135	12,713	85,400	30,546	115,947
1920	-	(1)	504	4,391	1,873	13,165	73,168	31,680	104,848
1921	-	(1)	841	5,262	1,948	15,659	87,741	29,883	117,625
1922	-	4,793	821	3,592	3,677	3,475	81,107	32,020	113,127
1923	(1)	(1)	300	3,517	2,119	10,054	78,285	34,148	112,433
1924	(1)	(1)	182	3,626	1,702	7,449	77,969	34,492	112,461
1925	(1)	(1)	232	4,509	2,030	10,009	73,586	26,466	100,050
1926	(1)	(1)	158	5,385	2,218	12,747	73,182	24,718	97,900
1927	(1)	(1)	121	4,976	2,367	12,318	79,508	27,847	107,354
1928	(1)	(1)	287	5,764	2,318	8,105	62,027	27,015	89,040
1929	(1)	5,866	155	7,972	1,737	1,787	71,174	27,216	98,388
1930	(1)	6,687	484	6,567	3,100	1,942	87,412	28,354	115,765
1931	86	6,529	418	11,109	3,559	1,663	87,341	27,092	114,431
1932	98	6,195	253	11,421	(1)	5,380	79,370	24,945	104,313
1933	909	5,532	395	4,911	3,018	1,961	70,751	23,703	94,454
1934	1,031	5,563	685	16,071	3,159	1,550	90,880	25,269	116,149
1935	837	5,826	739	11,849	3,494	1,693	87,011	29,132	116,143
1936	1,202	5,675	664	5,797	(1)	6,388	90,570	27,794	118,363
1937	1,428	5,707	435	4,846	(1)	6,877	81,001	30,098	111,099
1938	1,858	4,820	735	7,957	4,588	1,709	79,299	28,929	108,228
1939	1,991	4,457	715	5,304	6,495	1,706	82,720	27,509	110,229
1940	4,209	4,267	469	6,173	5,498	1,883	76,588	21,770	98,358
1941	4,795	4,135	459	6,699	4,494	2,332	76,429	20,935	97,365
1942	3,355	4,312	516	5,211	5,112	2,395	73,563	20,667	94,228
1943	2,225	4,439	460	5,403	4,969	2,813	76,667	24,559	101,227
1944	5	4,114	860	5,696	4,754	2,292	74,167	25,145	99,312
1945	104	4,658	884	3,266	6,201	2,969	77,413	28,128	105,541
1946	271	4,215	823	4,537	7,472	1,658	77,192	27,109	104,301
1947	788	3,565	497	3,512	4,795	1,592	68,261	19,206	87,466
1948	1,131	3,681	498	4,894	4,920	1,387	81,968	23,140	105,108
1949	1,557	3,557	807	4,574	6,662	1,206	83,483	27,660	111,144
1950	2,534	2,963	1,142	4,448	7,060	875	68,906	26,502	95,408
1951	3,625	2,912	1,036	4,343	6,419	795	68,623	24,147	92,771
1952	5,387	2,679	897	4,199	5,613	932	79,663	30,353	110,017
1953	5,420	2,370	1,324	6,116	6,661	881	75,525	36,949	112,473
1954	6,002	2,224	3,361	8,042	5,914	910	79,748	39,866	119,614
1955	5,654	2,027	2,973	6,555	6,937	965	75,207	38,572	113,778
1956	7,785	1,555	2,404	10,799	7,085	877	78,948	52,218	131,165
1957	7,255	1,507	1,431	11,948	5,425	995	74,041	43,743	117,783
1958	9,537	1,441	949	10,915	4,293	2,141	68,897	38,405	107,303
1959	6,890	1,389	825	11,710	1,950	1,790	63,464	40,098	103,562
1960	4,320	1,551	1,806	10,223	1,427	3,065	65,936	37,918	103,854
1961	3,540	1,441	2,212	9,324	985	4,148	67,140	45,368	112,508
1962	2,604	1,292	1,409	11,995	673	5,625	61,850	53,534	115,384
1963	3,015	1,096	1,174	11,255	1,022	6,034	55,823	42,794	98,617
1964	3,468	951	1,542	8,291	682	12,487	53,559	34,045	87,604
1965	2,201	794	1,113	5,490	573	14,592	54,156	43,579	97,735
1966	2,414	1,170	1,224	6,164	752	30,748	69,450	51,014	120,464

1/ NOT AVAILABLE. 2/ LESS THAN 500. 3/ CHUBS INCLUDED WITH LAKE HERRING.

NOTE: PRODUCTION OF SAUGER AND WHITE BASS WAS CONFINED TO THE CATCH IN LAKE ERIE DURING THE PERIOD 1885-1927.

Table 2.-- UNITED STATES LAKE ONTARIO LANDINGS BY SPECIES AND TOTAL CANADIAN LANDINGS, 1879-1966

(THOUSANDS OF POUNDS)

YEAR	BLUE PIKE	CARP	CATFISH	CHUBS	LAKE HERRING	LAKE TROUT	LAKE WHITEFISH	SAUGER	SHEEPS-HEAD
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879.	(1)	-	(1)	(3)	3/611	570	1,064	(1)	(1)
1885.	(1)	(1)	(1)	(3)	3/404	21	91	(1)	(1)
1889.	(1)	(1)	(1)	(3)	3/1,850	7	23	(1)	(1)
1890.	(1)	(1)	(1)	(3)	3/599	41	149	(1)	(1)
1893.	(1)	(1)	(1)	(3)	3/165	6	45	(1)	(1)
1897.	49	(1)	(1)	(3)	3/ 46	3	182	(1)	(1)
1899.	187	1	(1)	(3)	3/ 87	15	162	(1)	-
1903.	61	4	(1)	(3)	3/121	4	25	(1)	-
1908.	100	5	(1)	(3)	3/ 35	14	56	(1)	-
1913.	39	1	(1)	(3)	3/ 85	27	16	(1)	-
1914.	39	1	(1)	(3)	3/159	29	21	(1)	-
1915.	39	1	(1)	(3)	3/232	31	27	(1)	-
1916.	50	1	(1)	(3)	3/188	14	38	(1)	-
1917.	22	7	(1)	(3)	3/381	24	116	(1)	-
1918.	50	(2)	(1)	(3)	3/206	22	101	(1)	-
1919.	108	3	(1)	(3)	3/181	26	76	(1)	-
1920.	35	(2)	(1)	(3)	3/144	28	44	(1)	-
1921.	62	17	(1)	(3)	3/1,521	25	109	(1)	-
1922.	77	32	(1)	(3)	3/514	34	106	(1)	-
1923.	134	261	(1)	(3)	3/ 59	36	130	(1)	-
1924.	109	21	(1)	(3)	3/394	45	134	(1)	-
1925.	35	1	(1)	(3)	3/ 47	70	111	(1)	-
1926.	22	18	(1)	(3)	3/192	61	179	(1)	-
1927.	22	18	(1)	(3)	3/102	42	166	(1)	-
1928.	24	18	(1)	(3)	3/342	43	116	-	-
1929.	14	24	(1)	(3)	3/416	62	97	-	-
1930.	31	26	(1)	(3)	3/189	24	87	-	-
1931.	37	35	(1)	(3)	3/ 50	14	67	-	-
1932.	81	54	(1)	(3)	3/ 73	18	55	-	-
1933.	227	6	(1)	(3)	3/ 42	12	40	-	-
1934.	153	17	(1)	(3)	3/126	14	84	-	-
1935.	136	24	(1)	(3)	3/167	7	41	-	-
1936.	28	13	(1)	(3)	3/223	8	53	-	-
1937.	60	86	(1)	(3)	3/124	13	57	-	-
1938.	59	135	(1)	(3)	3/ 42	17	56	-	-
1939.	102	917	(1)	(3)	3/ 69	16	104	-	-
1940.	123	764	(1)	(3)	3/ 95	14	111	-	-
1941.	98	94	(1)	(3)	3/ 72	3	60	-	-
1942.	40	52	(1)	(3)	3/ 74	1	21	-	-
1943.	45	65	(1)	(3)	3/ 58	3	26	-	-
1944.	56	16	(1)	(3)	3/108	4	57	-	-
1945.	77	105	(1)	(3)	3/ 78	1	33	-	-
1946.	128	16	(2)	(3)	3/ 17	1	44	-	-
1947.	209	16	2	(3)	3/ 41	1	21	-	(2)
1948.	119	21	(2)	(3)	3/ 50	(2)	8	-	(2)
1949.	86	21	1	(3)	3/ 46	(2)	2	-	-
1950.	47	3	(2)	11	2	-	21	-	(2)
1951.	252	10	(2)	39	6	2	33	-	-
1952.	468	14	(2)	9	5	2	23	(2)	(2)
1953.	60	13	-	17	1	3	32	-	(2)
1954.	116	11	(2)	1	1	1	10	-	-
1955.	30	10	(2)	1	1	(2)	12	-	(2)
1956.	13	9	(2)	(2)	1	(2)	13	-	(2)
1957.	12	10	(2)	(2)	2	(2)	12	(2)	(2)
1958.	5	10	1	-	2	1	11	(2)	(2)
1959.	3	18	1	1	5	(2)	6	(2)	(2)
1960.	5	22	2	(2)	9	4	20	(2)	(2)
1961.	(2)	49	3	(2)	2	5	59	-	(2)
1962.	(2)	39	2	-	3	1	27	-	(2)
1963.	(2)	36	2	-	5	-	31	(2)	(2)
1964.	(2)	39	1	-	8	-	16	-	(2)
1965.	(2)	20	1	-	8	-	14	-	(2)
1966.	(2)	15	1	-	3	-	2	-	(2)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED)

Table 2.--UNITED STATES LAKE ONTARIO LANDINGS BY SPECIES AND TOTAL CANADIAN LANDINGS, 1879-1966 - Continued

(THOUSANDS OF POUNDS)

YEAR	SMELT	SUCKERS	WHITE BASS	YELLOW PERCH	YELLOW PIKE (WALLEYE)	MISCEL-LANEOUS	TOTAL		
							UNITED STATES	CANADA	UNITED STATES AND CANADA
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879	-	(1)	(1)	(1)	(1)	1,395	3,640	3,238	6,878
1885	-	(1)	(1)	(1)	(1)	1,882	2,398	4,204	6,602
1889	-	74	(1)	85	(1)	653	2,692	4,833	7,525
1890	-	279	(1)	359	(1)	2,019	3,446	4,089	7,535
1893	-	48	(1)	131	(1)	533	928	3,670	4,598
1897	-	53	(1)	169	5	414	921	2,753	3,674
1899	-	264	(1)	397	10	1,187	2,310	2,761	5,071
1903	-	73	(1)	122	8	655	1,073	2,682	3,754
1908	-	128	(1)	35	54	390	817	3,199	4,016
1913	-	9	(1)	4	4	23	208	3,153	3,361
1914	-	16	(1)	6	5	20	296	4,024	4,320
1915	-	23	(1)	7	5	19	384	4,787	5,170
1916	-	17	(1)	4	5	27	344	5,253	5,597
1917	-	13	(1)	5	5	55	628	5,600	6,228
1918	-	20	(1)	3	12	50	464	5,103	5,567
1919	-	40	(1)	3	8	99	544	5,504	6,048
1920	-	17	(1)	4	9	49	330	4,988	5,318
1921	-	20	(1)	10	23	127	1,914	4,577	6,491
1922	-	20	(1)	8	36	138	965	4,532	5,497
1923	-	24	(1)	9	52	136	841	4,947	5,788
1924	-	92	(1)	9	38	151	993	4,975	5,968
1925	-	40	(1)	9	29	104	446	4,250	4,696
1926	-	66	(1)	34	22	194	788	4,118	4,905
1927	-	62	(1)	39	19	228	698	3,731	4,429
1928	-	71	-	45	20	175	854	3,477	4,330
1929	-	62	-	36	11	226	948	3,610	4,557
1930	-	51	(2)	30	16	228	682	4,021	4,703
1931	-	29	-	24	9	177	442	2,869	3,310
1932	-	36	-	27	12	165	521	2,232	2,754
1933	-	23	1	35	7	134	527	2,551	3,078
1934	-	47	-	51	25	200	717	2,231	2,948
1935	-	51	-	80	18	246	770	2,723	3,493
1936	-	38	-	55	9	174	601	3,126	3,727
1937	-	49	-	49	4	176	618	3,330	3,948
1938	-	129	5	58	2	187	690	3,068	3,758
1939	-	54	1	33	6	154	1,456	3,495	4,951
1940	-	35	-	36	6	175	1,359	3,022	4,381
1941	-	52	-	40	3	175	597	3,126	3,724
1942	-	19	-	23	2	93	325	2,488	2,813
1943	-	45	(2)	32	3	118	395	2,311	2,707
1944	-	33	(2)	28	4	94	400	2,637	3,037
1945	-	29	(2)	36	3	130	492	2,338	2,830
1946	1	14	-	34	4	125	384	2,059	2,442
1947	-	23	(2)	25	4	122	464	2,002	2,465
1948	-	18	(2)	42	2	126	386	2,045	2,431
1949	4	27	(2)	19	2	143	351	2,006	2,357
1950	-	8	1	3	(2)	93	189	2,219	2,408
1951	7	22	(2)	10	1	116	498	2,410	2,908
1952	3	19	(2)	9	(2)	116	668	2,281	2,950
1953	7	2	3	4	(2)	54	196	2,059	2,256
1954	5	15	35	4	1	111	311	1,914	2,225
1955	5	6	31	11	2	124	233	1,943	2,176
1956	3	9	21	7	1	103	180	2,627	2,807
1957	(2)	8	4	12	(2)	146	206	1,997	2,203
1958	1	18	6	35	2	171	263	2,098	2,361
1959	(2)	14	4	28	1	145	226	2,051	2,277
1960	(2)	12	8	37	1	138	258	1,958	2,216
1961	(2)	19	8	68	1	137	351	2,109	2,460
1962	(2)	16	9	23	14	99	233	1,748	1,981
1963	(2)	11	4	52	2	90	233	2,008	2,241
1964	1	13	4	83	3	99	267	2,015	2,282
1965	(2)	6	1	68	5	94	217	2,646	2,863
1966	(2)	10	1	16	4	185	237	1,624	1,861

1/ NOT AVAILABLE. 2/ LESS THAN 500. 3/ CHUBS INCLUDED WITH LAKE HERRING.

NOTE: PRODUCTION OF SAUGER AND WHITE BASS WAS CONFINED TO THE CATCH IN LAKE ERIE DURING THE PERIOD 1885-1927.

HISTORICAL FISHERY STATISTICS

Table 3.--UNITED STATES LAKE ERIE LANDINGS BY SPECIES AND TOTAL CANADIAN LANDINGS, 1879-1966

(THOUSANDS OF POUNDS)

YEAR	BLUE PIKE	CARP	CATFISH	LAKE HERRING	LAKE TROUT	LAKE WHITEFISH	SAUGER	SHEEPS-HEAD	SMELT
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879.	(1)	-	(1)	11,774	26	3,334	(1)	(1)	-
1885.	7,889	(1)	(1)	19,355	107	3,532	5,466	(1)	-
1889.	(1)	(1)	(1)	37,201	67	3,324	(1)	(1)	-
1890.	7,489	(1)	(1)	39,166	121	2,341	4,180	(1)	-
1893.	(1)	636	(1)	21,062	203	1,292	(1)	(1)	-
1897.	4,852	(1)	(1)	19,567	37	774	4,907	(1)	-
1899.	4,545	3,634	(1)	33,428	32	2,153	3,067	1,147	-
1903.	4,915	3,547	(1)	8,794	15	335	2,014	642	-
1908.	8,734	8,893	(1)	10,599	7	1,546	2,557	1,394	-
1914.	11,859	12,024	(1)	14,108	6	2,133	4,561	2,282	-
1915.	18,761	9,615	(1)	15,978	16	1,145	4,523	2,212	-
1916.	9,381	5,859	(1)	8,337	5	931	6,181	2,384	-
1917.	1,605	5,794	(1)	19,453	5	1,777	4,334	3,013	-
1918.	1,222	4,172	(1)	35,291	21	1,600	2,095	2,982	-
1919.	1,675	2,961	563	17,846	12	1,711	2,652	2,119	-
1920.	3,965	4,102	557	12,893	2	1,426	2,926	1,926	-
1921.	8,944	6,542	1,198	14,964	46	922	5,004	2,842	-
1922.	10,359	3,887	553	14,022	2	787	3,409	1,370	-
1923.	9,683	3,215	(1)	20,930	1	489	3,312	1,456	-
1924.	8,967	1,261	248	21,293	1	331	1,829	2,289	-
925.	10,478	2,339	(1)	2,817	4	583	2,119	2,365	-
1926.	9,340	4,204	(1)	1,449	3	961	1,551	1,214	-
1927.	7,301	1,698	(1)	2,350	9	624	1,168	4,318	-
1928.	4,819	1,031	221	618	3	974	1,506	2,918	-
1929.	2,820	983	215	128	1	1,079	1,545	2,970	-
1930.	11,792	1,898	178	346	5	1,522	1,532	2,886	-
1931.	12,643	2,404	118	346	3	1,273	2,026	1,626	-
1932.	9,867	2,913	264	160	10	1,169	3,151	2,145	-
1933.	8,786	2,067	(1)	136	4	997	2,219	3,007	-
1934.	8,356	1,609	(1)	110	1	779	785	2,241	-
1935.	9,686	1,950	437	72	(2)	995	1,537	2,351	-
1936.	19,909	2,687	(1)	68	2	1,158	1,737	3,501	-
1937.	10,961	2,153	(1)	64	3	647	1,214	4,059	-
1938.	8,659	2,209	(1)	810	(2)	911	844	3,392	-
1939.	9,049	2,445	(1)	717	-	2,098	1,740	3,494	-
1940.	4,951	2,486	(1)	62	(2)	2,643	611	2,960	-
1941.	3,287	2,555	(1)	48	-	2,446	773	3,646	-
1942.	6,222	2,448	(1)	25	2	1,924	1,346	4,548	-
1943.	11,228	2,232	(1)	26	(2)	949	1,046	4,513	-
1944.	14,933	1,932	(1)	98	(2)	567	616	2,452	-
1945.	7,772	2,153	(1)	2,765	-	900	1,043	4,405	-
1946.	3,012	1,881	695	6,638	-	797	762	4,265	(2)
1947.	3,120	1,755	750	1,177	-	1,774	388	3,230	-
1948.	9,003	1,596	653	213	(2)	2,789	250	3,676	-
1949.	14,000	2,234	867	88	(2)	3,479	390	3,085	-
1950.	6,190	1,879	990	246	-	1,605	487	2,299	(2)
1951.	2,150	2,231	1,283	150	-	886	397	3,593	(1)
1952.	6,771	3,002	1,523	56	-	1,359	204	3,555	1
1953.	8,042	2,976	1,351	64	-	1,110	193	1,924	-
1954.	6,245	3,756	1,879	100	-	388	76	1,730	(2)
1955.	7,648	3,308	1,947	34	-	375	15	1,614	(2)
1956.	6,855	3,425	1,660	59	-	445	12	1,924	(2)
1957.	3,981	3,768	1,554	23	-	754	7	3,795	2
1958.	576	4,880	1,472	14	-	177	2	2,816	1
1959.	32	4,015	1,429	16	(2)	46	1	4,608	15
1960.	7	4,572	1,619	12	-	15	2	5,098	28
1961.	2	4,698	1,626	6	(2)	6	(2)	5,764	16
1962.	1	4,764	1,127	5	-	3	(2)	3,524	74
1963.	(2)	3,338	1,090	1	-	6	(2)	4,126	306
1964.	(2)	2,909	1,164	1	-	3	(2)	4,549	446
1965.	(2)	3,191	990	1	(2)	6	(2)	4,086	3
1966.	(2)	3,702	743	(2)	(2)	3	(2)	2,156	9

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED)

HISTORICAL FISHERY STATISTICS

Table 3.--UNITED STATES LAKE ERIE LANDINGS BY SPECIES AND TOTAL CANADIAN LANDINGS, 1879-1966 - Continued

(THOUSANDS OF POUNDS)

YEAR	SUCKERS	WHITE BASS	YELLOW PERCH	YELLOW PIKE (WALLEYE)	MISCEL-LANEOUS	TOTAL		
						UNITED STATES	CANADA	UNITED STATES AND CANADA
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879	(1)	(1)	(1)	(1)	13,953	29,087	1,560	30,647
1885	(1)	(1)	1,601	2,705	10,802	51,457	7,686	59,142
1889	1,072	(1)	3,830	(1)	18,069	63,563	9,626	73,189
1890	(1)	(1)	2,900	2,152	6,875	65,224	8,424	73,648
1893	1,361	(1)	2,595	(1)	15,987	43,136	9,412	52,548
1897	(1)	(1)	3,253	1,529	1,035	35,954	8,654	44,607
1899	1,628	1,579	3,340	1,845	2,514	58,912	10,063	68,975
1903	877	33	873	947	945	23,937	5,403	29,340
1908	1,810	222	1,756	2,733	2,215	42,466	10,745	53,212
1914	1,350	478	2,039	1,867	1,437	54,144	17,130	71,274
1915	1,124	694	1,933	1,835	1,937	59,773	16,540	76,313
1916	1,321	343	1,637	2,032	2,784	41,195	12,622	53,818
1917	1,058	333	1,259	1,619	2,399	42,649	18,780	61,429
1918	911	129	1,088	820	1,148	51,479	19,495	70,974
1919	953	193	2,775	600	1,105	35,165	14,127	49,293
1920	1,061	504	1,259	890	721	32,232	16,812	49,044
1921	1,420	841	2,192	1,038	764	46,717	16,409	63,126
1922	991	821	1,926	2,265	506	40,898	17,685	58,583
1923	1,038	300	1,870	1,137	946	44,377	17,772	62,149
1924	684	182	1,941	1,020	227	40,273	18,976	59,249
1925	905	232	2,458	1,431	913	26,644	10,997	37,640
1926	1,045	158	2,622	1,273	1,237	25,057	8,750	33,807
1927	1,142	121	2,748	1,364	952	23,795	10,067	33,862
1928	1,319	286	4,275	1,314	478	19,762	10,294	30,056
1929	1,293	155	6,043	934	480	18,646	11,259	29,905
1930	2,024	484	4,341	1,889	687	29,584	12,680	42,264
1931	1,416	418	9,062	2,644	821	34,800	13,807	48,606
1932	1,321	253	9,741	2,024	743	33,761	12,733	46,494
1933	1,525	394	3,434	1,181	1,370	25,120	10,231	35,351
1934	1,024	685	14,218	1,345	945	32,098	11,500	43,598
1935	1,086	739	9,045	1,784	615	30,297	14,429	44,726
1936	946	664	2,051	2,637	1,389	36,749	11,953	48,702
1937	1,103	435	1,750	3,060	1,476	26,925	14,664	41,590
1938	756	727	5,187	3,135	989	27,619	14,501	42,120
1939	1,008	712	1,608	4,767	1,025	28,663	14,263	42,927
1940	714	469	3,030	3,870	1,148	22,944	9,767	32,711
1941	698	459	3,821	2,910	1,420	22,063	8,950	31,013
1942	698	516	1,959	2,972	1,471	24,131	10,037	34,168
1943	576	460	1,253	3,222	1,610	27,115	14,483	41,598
1944	456	860	2,188	3,498	1,237	28,837	15,255	44,092
1945	426	883	1,352	5,319	1,613	28,631	18,949	47,580
1946	432	821	2,685	6,219	914	29,121	18,925	48,046
1947	568	497	1,797	3,914	848	19,818	12,334	32,152
1948	469	498	2,640	4,021	694	26,502	14,926	41,428
1949	634	807	2,659	5,314	692	34,249	19,093	53,342
1950	650	1,141	2,554	5,465	476	23,982	16,866	40,848
1951	558	1,036	2,526	5,682	429	20,921	13,144	34,065
1952	627	897	1,738	5,147	471	25,351	17,417	42,768
1953	352	1,317	3,418	6,162	438	27,347	23,389	50,736
1954	361	3,298	4,835	5,219	453	28,340	28,912	57,252
1955	256	2,931	2,408	5,795	465	26,796	30,285	57,080
1956	269	2,368	7,054	6,130	543	30,744	44,682	75,426
1957	328	1,424	8,593	5,035	442	29,706	37,105	66,811
1958	244	942	7,061	3,961	429	22,575	30,751	53,326
1959	249	818	9,348	1,618	238	22,433	31,597	54,030
1960	250	1,779	6,390	1,171	315	21,258	29,219	50,477
1961	330	2,192	3,694	805	424	19,563	35,698	55,261
1962	261	1,390	7,548	433	530	19,660	44,464	64,124
1963	224	1,153	5,822	800	372	17,238	34,233	51,471
1964	240	1,535	1,520	565	422	13,354	25,381	38,735
1965	197	1,110	3,157	437	346	13,524	35,096	48,620
1966	187	1,222	4,063	354	259	12,698	41,426	54,124

1/ NOT AVAILABLE. 2/ LESS THAN 500.

NOTE: CHUBS DO NOT OCCUR IN LAKE ERIE.

HISTORICAL FISHERY STATISTICS

Table 4.--UNITED STATES LAKE HURON LANDINGS BY SPECIES AND TOTAL CANADIAN LANDINGS, 1879-1966

(THOUSANDS OF POUNDS)

YEAR	CARP	CATFISH	CHUBS	LAKE HERRING	LAKE TROUT	LAKE WHITEFISH	SAUGER	SHEEPS-HEAD	SMELT
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879	-	(1)	(3)	3/247	2,085	2,701	(1)	(1)	-
1885	(1)	(1)	(3)	3/1,266	2,540	1,425	(1)	(1)	-
1889	(1)	(1)	(3)	3/4,108	2,181	2,392	(1)	(1)	-
1890	(1)	(1)	(3)	3/2,515	1,750	1,033	(1)	(1)	-
1891	(1)	(1)	(3)	3/3,405	2,816	1,625	(1)	(1)	-
1892	(1)	(1)	(3)	3/2,323	2,382	1,486	5	(1)	-
1893	(1)	(1)	(3)	3/4,299	3,106	1,578	(1)	(1)	-
1894	(1)	(1)	(3)	3/3,829	2,039	1,218	4	(1)	-
1895	(1)	(1)	(3)	3/5,005	1,875	946	(2)	(1)	-
1896	(1)	(1)	(3)	3/6,574	1,527	1,006	(2)	(1)	-
1897	(1)	(1)	(3)	3/5,019	1,292	866	1	(1)	-
1898	(1)	(1)	(3)	3/5,406	1,299	593	(2)	(1)	-
1899	6	(1)	(3)	3/4,996	1,460	646	(1)	161	-
1900	(1)	(1)	(3)	3/4,722	1,732	555	(1)	(1)	-
1901	(1)	(1)	(3)	3/7,314	1,608	788	(1)	(1)	-
1902	(1)	(1)	(3)	3/9,731	1,739	914	(2)	(1)	-
1903	37	(1)	106	6,597	1,724	937	(1)	47	-
1904	(1)	(1)	472	7,279	2,016	787	(1)	(1)	-
1905	(1)	(1)	1,163	5,043	1,987	675	(1)	(1)	-
1906	(1)	(1)	1,490	4,381	1,966	792	(1)	(1)	-
1907	(1)	(1)	1,158	5,845	1,831	1,133	1	(1)	-
1908	407	(1)	291	5,738	1,382	974	4	8	-
1912	176	(1)	292	4,999	1,050	782	(1)	(1)	-
1913	375	(1)	919	2,399	2,163	787	(1)	(1)	-
1914	14	(1)	75	2,357	1,365	1,393	(1)	(1)	-
1915	516	(1)	513	1,491	1,774	812	(1)	(1)	-
916	(1)	(1)	24	7,674	1,798	1,919	(1)	(1)	-
1917	1,145	(1)	214	4,411	2,111	889	(1)	18	-
1918	643	(1)	742	5,044	2,614	1,102	(1)	(1)	-
1919	1,109	38	531	4,836	2,322	727	(1)	13	-
1920	1,721	13	525	3,387	1,220	647	(1)	42	-
1921	857	17	770	2,164	1,358	758	(1)	47	-
1922	1,169	31	344	4,396	1,828	1,401	18	42	-
1923	297	17	450	3,039	1,827	1,199	(1)	158	-
1924	497	40	375	2,879	1,395	1,382	(1)	46	-
1925	427	82	1,531	5,148	1,615	1,203	(1)	52	-
1926	414	118	1,534	4,311	1,685	1,723	28	91	-
1927	1,939	177	827	5,604	1,692	1,677	27	40	-
1928	283	163	477	2,709	1,598	1,469	46	13	-
1929	390	167	302	2,239	1,283	1,456	34	8	-
1930	868	82	513	4,757	1,729	2,879	210	3	-
1931	875	31	485	4,823	2,049	4,140	201	2	-
1932	1,011	31	543	2,811	2,165	4,050	67	2	-
1933	972	43	598	2,411	1,970	3,334	82	3	-
1934	1,023	36	447	4,336	1,576	2,568	67	4	-
1935	1,079	55	387	3,886	1,743	1,895	172	11	2
1936	770	98	335	3,982	1,400	1,442	39	8	-
1937	978	115	190	4,151	1,340	1,019	6	4	-
1938	631	135	192	5,429	1,270	558	2	20	(2)
1939	739	118	174	6,948	1,372	255	2	15	-
1940	644	245	148	3,303	940	188	2	11	-
1941	669	386	126	3,159	892	114	(2)	4	20
1942	753	397	80	2,408	728	95	4	1	1
1943	1,243	395	128	2,009	459	149	7	2	(2)
1944	1,151	325	221	1,073	363	185	4	3	(2)
1945	2,370	384	190	1,373	173	181	5	4	3
1946	1,669	254	40	1,462	38	545	6	1	3
1947	1,327	271	126	1,071	12	3,023	4	1	2
.948	1,459	193	159	1,636	4	2,972	2	4	(2)
1949	952	167	148	1,952	1	530	(2)	2	12
1950	1,181	162	83	1,748	(2)	114	1	5	116
1951	1,677	227	114	1,379	(2)	143	(2)	1	218
1952	1,637	303	63	1,792	(2)	168	1	4	227
1953	1,361	333	106	1,428	-	153	1	7	211
1954	1,432	256	248	1,226	-	91	1	12	161
1955	1,373	355	317	368	(2)	66	(2)	5	159
1956	1,218	338	301	121	-	30	1	26	296
1957	1,309	271	507	68	-	41	1	24	91
958	2,212	286	1,343	48	(2)	72	(2)	23	101
959	1,304	330	2,151	33	-	103	(2)	49	70
1960	1,333	277	2,936	45	-	338	(2)	52	78
961	1,437	240	3,197	68	-	438	(2)	32	32
1962	1,637	176	2,300	28	-	305	1	28	29
1963	1,647	172	1,975	17	(2)	113	(2)	26	13
1964	1,003	153	1,256	40	-	165	(2)	22	32
1965	1,425	146	1,347	43	-	175	(2)	19	28
1966	832	166	807	16	-	172	-	17	30

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED)

HISTORICAL FISHERY STATISTICS

Table 4.-- UNITED STATES LAKE HURON LANDINGS BY SPECIES AND TOTAL CANADIAN LANDINGS, 1879-1966 - Continued

(THOUSANDS OF POUNDS)

YEAR	SUCKERS	WHITE BASS	YELLOW PERCH	YELLOW PIKE (WALLEYE)	MISCEL-LANEOUS	TOTAL		
						UNITED STATES	CANADA	UNITED STATES AND CANADA
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879	(1)	(1)	(1)	(1)	2,172	7,205	4,197	11,402
1885	(1)	(1)	(1)	(1)	6,226	11,457	10,136	21,593
1889	1,007	(1)	2,417	(1)	3,324	15,429	11,720	27,149
1890	1,110	(1)	1,818	(1)	2,104	10,330	14,190	24,520
1891	1,036	(1)	1,295	1,859	666	12,702	12,219	24,921
1892	1,836	(1)	1,828	1,405	511	11,776	14,691	26,467
1893	2,345	(1)	1,752	1,099	637	14,816	11,312	26,128
1894	2,971	(1)	2,029	1,989	598	14,677	9,938	24,615
1895	3,365	(1)	1,771	1,038	470	14,470	9,501	23,971
1896	1,387	(1)	1,593	930	524	13,541	9,127	22,668
1897	1,600	(1)	1,599	1,388	628	12,393	6,752	19,145
1898	1,317	(1)	2,246	1,858	729	13,448	8,030	21,478
1899	1,383	(1)	2,872	1,789	1,007	14,320	10,278	24,597
1900	1,710	(1)	3,566	983	883	14,151	7,452	21,603
1901	1,745	(1)	3,529	945	884	16,813	7,623	24,436
1902	2,814	(1)	2,652	1,359	794	20,003	8,047	28,050
1903	3,525	(1)	2,413	2,406	774	18,566	8,341	26,907
1904	2,853	(1)	1,794	2,128	660	17,989	9,475	27,464
1905	3,458	(1)	1,864	1,668	1,037	16,895	8,227	25,122
1906	4,020	(1)	1,968	1,263	980	16,860	8,077	24,937
1907	3,646	(1)	2,125	1,221	861	17,821	7,247	25,068
1908	1,871	(1)	1,259	870	271	13,075	7,642	20,718
1912	1,320	(1)	4,512	398	347	13,876	7,060	20,937
1913	1,580	(1)	2,323	416	296	11,258	6,816	18,074
1914	1,501	(1)	997	340	249	8,291	7,063	15,354
1915	2,306	(1)	1,371	1,067	395	10,245	8,735	18,980
1916	2,266	(1)	1,795	846	890	17,212	9,395	26,607
1917	1,465	(1)	891	1,147	286	12,577	7,765	20,342
1918	1,779	(1)	934	1,904	215	14,977	6,855	21,831
1919	2,714	(1)	1,337	1,388	227	15,242	6,619	21,861
1920	1,900	(1)	1,051	844	191	11,541	6,324	17,865
1921	1,803	(1)	945	724	164	9,607	6,437	16,044
1922	1,986	(1)	674	1,284	106	13,279	7,192	20,471
1923	1,445	(1)	759	809	102	10,102	6,841	16,943
1924	1,073	(1)	544	503	143	8,877	7,325	16,202
1925	1,374	(1)	528	458	182	12,600	7,654	20,254
1926	1,827	-	458	816	123	13,128	7,539	20,667
1927	2,461	-	204	901	157	15,706	8,897	24,603
1928	1,873	1	281	899	181	9,993	7,844	17,836
1929	1,576	-	507	717	150	8,829	7,490	16,319
1930	2,237	-	719	1,109	211	15,317	6,892	22,209
1931	2,132	-	731	825	173	16,467	7,247	23,714
1932	2,403	-	690	1,535	106	15,414	7,492	22,903
1933	1,890	-	427	1,636	105	13,471	7,813	21,284
1934	2,123	(2)	523	1,603	84	14,390	7,550	21,940
1935	1,766	-	983	1,574	87	13,640	8,402	22,042
1936	1,814	(2)	1,175	1,565	106	12,734	7,815	20,548
1937	1,726	-	548	1,627	140	11,844	7,595	19,438
1938	1,788	-	500	1,356	152	12,033	7,303	19,336
1939	1,382	1	565	1,641	121	13,333	6,444	19,777
1940	1,343	(2)	528	1,573	87	9,012	5,662	14,674
1941	1,312	-	416	1,532	97	8,727	5,423	14,150
1942	1,196	(2)	575	2,104	124	8,466	4,779	13,244
1943	1,414	(2)	975	1,660	169	8,610	4,418	13,028
1944	1,236	(2)	604	1,138	130	6,433	3,492	9,925
1945	1,554	1	407	678	152	7,475	3,029	10,504
1946	1,646	(2)	341	974	168	7,147	2,536	9,683
1947	1,282	-	291	485	139	8,034	2,040	10,074
1948	1,305	(2)	694	225	183	8,836	2,798	11,634
1949	1,022	(2)	518	200	76	5,580	3,373	8,953
1950	977	(2)	405	212	69	5,073	4,762	9,835
1951	1,197	(2)	363	154	48	5,521	5,742	11,264
1952	1,199	(2)	494	153	77	6,118	7,528	13,646
1953	1,144	4	458	177	115	5,498	8,730	14,227
1954	1,185	28	507	164	110	5,421	6,150	11,571
1955	1,024	11	585	142	156	4,561	3,804	8,365
1956	611	15	415	152	111	3,635	2,764	6,398
1957	482	3	353	124	67	3,341	1,844	5,185
1958	451	1	377	113	67	5,094	2,685	7,780
1959	464	3	356	148	30	5,041	2,600	7,641
1960	454	16	509	136	164	6,338	3,913	10,251
1961	551	12	598	81	232	6,918	5,207	12,125
1962	707	10	372	158	129	5,880	4,175	10,055
1963	509	17	507	158	52	5,206	3,587	8,793
1964	438	3	836	79	68	4,095	3,967	8,062
1965	389	2	966	102	31	4,673	3,567	8,240
1966	313	1	1,318	52	45	3,769	2,917	6,686

1/ NOT AVAILABLE. 2/ LESS THAN 500. 3/ CHUBS INCLUDED WITH LAKE HERRING. NOTE: BLUE PIKE DO NOT OCCUR IN LAKE HURON.

Table 5.--UNITED STATES LAKE MICHIGAN LANDINGS BY SPECIES, 1879-1966

(THOUSANDS OF POUNDS)

YEAR	CARP	CATFISH	CHUBS	LAKE HERRING	LAKE TROUT	LAKE WHITEFISH	SAUGER	SHEEPS-HEAD
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879	-	(1)	(3)	3/3,050	2,659	(1)	(1)	(1)
1885	(1)	(1)	(3)	3/3,312	6,431	(1)	(1)	(1)
1889	(1)	(1)	(3)	3/9,569	5,580	5,524	(1)	(1)
1890	(1)	(1)	1,398	6,082	8,364	(1)	(1)	(1)
1892	(1)	(1)	(3)	3/10,208	6,437	2,856	(1)	(1)
1893	2	(1)	(3)	3/20,085	8,526	(1)	(1)	(1)
1894	(1)	(1)	(3)	3/22,364	8,533	1,713	(1)	(1)
1895	(1)	(1)	(3)	3/20,222	7,696	1,543	(1)	(1)
1896	(1)	(1)	(3)	3/25,893	9,020	2,000	(1)	(1)
1897	(1)	(1)	(3)	3/23,814	7,823	3,345	(1)	(1)
1899	25	(1)	2,462	22,283	5,286	1,770	(1)	55
1903	535	(1)	1,331	15,351	8,943	2,404	(1)	42
1908	483	(1)	3,054	24,191	8,631	3,288	(1)	87
1911	(1)	(1)	2,561	9,752	8,166	1,430	(1)	(1)
1912	(1)	(1)	2,820	8,184	6,561	1,338	(1)	(1)
1913	(1)	(1)	3,845	8,847	6,305	1,320	(1)	(1)
1914	(1)	(1)	3,368	7,972	6,837	1,372	(1)	(1)
1915	(1)	(1)	2,912	10,456	7,704	1,480	(1)	(1)
1916	(1)	(1)	1,786	7,137	5,999	1,629	(1)	(1)
1917	247	(1)	3,742	11,325	6,904	2,623	(1)	(1)
1918	(1)	(1)	5,763	8,330	5,810	2,346	(1)	(1)
1919	(1)	(1)	4,927	5,777	6,584	1,489	(1)	18
1920	(1)	(1)	2,306	5,061	6,984	937	(1)	16
1921	(1)	(1)	1,346	2,875	11,741	1,321	(1)	16
1922	749	(1)	1,426	3,687	7,540	1,335	(1)	3
1923	(1)	(1)	1,237	3,190	6,177	1,505	(1)	7
1924	(1)	(1)	2,273	3,625	7,224	1,397	(1)	5
1925	(1)	(1)	3,840	4,326	6,894	1,652	(1)	12
1926	(1)	(1)	3,740	3,284	6,530	1,875	(1)	20
1927	(1)	(1)	4,765	5,842	5,699	2,591	-	2
1928	(1)	(1)	3,752	3,033	4,819	3,526	-	2
1929	608	3	4,338	5,225	6,394	4,969	1	3
1930	491	12	5,038	6,281	5,441	5,383	1	17
1931	831	22	3,405	5,275	5,632	4,675	2	7
1932	284	5	3,123	2,943	5,470	3,836	1	14
1933	919	5	4,032	4,009	5,212	2,574	1	14
1934	1,320	3	6,237	6,415	4,957	2,183	3	10
1935	1,054	(1)	5,794	5,425	4,873	1,697	2	12
1936	1,486	23	5,674	4,796	4,763	1,026	3	11
1937	1,925	10	5,579	5,500	4,988	1,073	(2)	6
1938	1,873	9	5,404	4,477	4,906	1,259	(2)	5
1939	1,689	22	4,025	2,909	5,660	951	(2)	14
1940	1,979	49	1,648	2,675	6,266	955	1	23
1941	2,057	39	1,630	1,703	6,787	1,301	1	52
1942	1,745	67	1,755	1,426	6,484	1,341	1	82
1943	1,511	96	2,214	1,952	6,860	1,407	(2)	133
1944	1,217	62	2,607	1,393	6,498	1,753	1	139
1945	1,832	(1)	4,221	4,030	5,437	1,658	2	137
1946	1,273	91	4,525	5,550	3,974	2,558	(2)	117
1947	1,032	39	5,087	5,834	2,425	5,825	1	78
1948	1,095	26	5,929	8,029	1,197	5,247	(2)	57
1949	1,361	27	7,411	6,778	342	3,492	(2)	41
1950	1,146	22	9,291	7,492	54	2,361	(2)	24
1951	1,136	10	10,301	8,374	11	1,214	(2)	22
1952	1,106	9	11,098	9,691	4	1,770	(2)	18
1953	1,117	5	11,151	6,715	(2)	1,046	(2)	16
1954	1,344	9	10,568	7,728	(2)	789	1	10
1955	1,856	4	10,895	6,087	(2)	376	(2)	6
1956	1,851	9	10,913	5,731	-	57	(1)	7
1957	2,041	5	10,546	3,385	-	25	(2)	2
1958	1,242	1	9,583	2,026	-	49	(1)	3
1959	1,937	(2)	7,796	968	(2)	31	(1)	(2)
1960	1,416	2	12,659	233	(2)	124	(2)	7
1961	1,842	(2)	12,133	177	(2)	395	(2)	2
1962	1,206	(2)	11,115	116	(2)	266	(2)	1
1963	1,277	2	7,460	41	26	285	(2)	(2)
1964	1,320	(2)	5,172	34	(2)	777	(2)	(2)
1965	2,016	(2)	7,440	46	(2)	995	(2)	(2)
1966	2,714	(2)	7,227	49	(2)	1,422	(2)	(2)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED)

HISTORICAL FISHERY STATISTICS

Table 5.--UNITED STATES LAKE MICHIGAN LANDINGS BY SPECIES, 1879-1966 - Continued

(THOUSANDS OF POUNDS)

YEAR	SMELT	SUCKERS	WHITE BASS	YELLOW PERCH	YELLOW PIKE (WALLEYE)	MISCEL-LANEOUS	TOTAL UNITED STATES
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879	-	(1)	(1)	(1)	(1)	17,433	23,142
1885	-	252	(1)	(1)	(1)	13,490	23,485
1889	-	1,729	(1)	2,181	(1)	1,424	26,007
1890	-	1,801	(1)	1,944	(1)	6,845	26,434
1892	-	(1)	(1)	2,645	(1)	5,893	28,039
1893	-	1,691	(1)	3,452	712	6,255	40,723
1894	-	(1)	(1)	6,515	(1)	3,603	42,728
1895	-	(1)	(1)	5,959	(1)	2,792	38,212
1896	-	(1)	(1)	6,364	(1)	3,727	47,004
1897	-	(1)	(1)	3,079	(1)	1,573	39,634
1899	-	1,119	(1)	3,234	284	1,029	37,547
1903	-	3,272	(1)	3,597	345	803	36,623
1908	-	2,809	(1)	3,557	209	1,047	47,356
1911	-	(1)	(1)	2,072	214	2,298	26,493
1912	-	(1)	(1)	2,388	164	3,359	24,814
1913	-	(1)	(1)	2,935	165	3,674	27,091
1914	-	(1)	(1)	2,731	225	5,696	28,201
1915	-	(1)	(1)	2,790	216	6,084	31,642
1916	-	(1)	(1)	2,263	275	2,895	21,984
1917	-	4,035	(1)	2,101	196	501	31,674
1918	-	(1)	(1)	1,928	121	3,410	27,708
1919	-	(1)	(1)	2,490	122	2,515	23,922
1920	-	(1)	(1)	2,064	116	2,515	19,999
1921	-	(1)	(1)	2,105	141	2,425	21,978
1922	-	1,536	(1)	967	64	2,087	19,394
1923	(1)	(1)	(1)	873	99	2,292	15,380
1924	(1)	(1)	(1)	1,083	118	2,591	18,316
1925	(1)	(1)	(1)	1,512	93	3,012	21,341
1926	(1)	(1)	(1)	2,266	82	2,697	20,494
1927	(1)	(1)	(1)	1,970	59	2,751	23,679
1928	(1)	(1)	-	1,151	52	1,663	17,998
1929	(1)	2,709	(2)	1,379	53	504	26,186
1930	(1)	2,281	-	1,467	64	486	26,962
1931	86	2,786	-	1,288	56	309	24,374
1932	98	2,224	-	955	105	247	19,305
1933	909	1,890	(2)	1,009	167	261	21,002
1934	1,031	2,206	(2)	1,276	161	253	26,055
1935	835	2,696	-	1,740	99	205	24,432
1936	1,202	2,686	-	2,508	116	184	24,478
1937	1,428	2,382	(2)	2,490	78	143	25,602
1938	1,854	1,858	3	2,204	50	199	24,101
1939	1,991	1,854	1	3,090	45	234	22,485
1940	4,209	2,017	-	2,576	43	160	22,601
1941	4,775	1,935	-	2,416	44	191	22,931
1942	3,353	2,251	-	2,648	31	229	21,413
1943	2,225	2,201	(2)	3,135	51	390	22,175
1944	5	2,223	-	2,872	77	405	19,252
1945	101	2,373	(2)	1,469	172	658	22,090
1946	267	1,895	2	1,473	237	430	22,392
1947	786	1,621	-	1,399	367	464	24,958
1948	1,131	1,806	-	1,513	636	357	27,023
1949	1,540	1,810	-	1,378	1,120	273	25,573
1950	2,417	1,228	(2)	1,484	1,349	210	27,078
1951	3,399	1,008	(2)	1,441	560	172	27,648
1952	5,111	744	(2)	1,957	301	252	32,061
1953	5,181	820	-	2,236	306	241	28,834
1954	5,811	609	-	2,696	509	217	30,291
1955	5,416	684	-	3,550	976	186	30,036
1956	7,368	640	-	3,320	801	101	30,798
1957	7,024	641	-	2,988	266	300	27,223
1958	9,102	685	-	3,441	217	1,422	27,771
1959	6,004	612	-	1,977	182	1,301	20,808
1960	3,267	767	3	3,285	118	2,430	24,311
1961	2,152	494	(2)	4,959	97	3,308	25,559
1962	1,546	263	-	4,050	67	4,845	23,475
1963	1,203	299	(2)	4,872	61	5,495	21,021
1964	969	215	-	5,835	35	11,843	26,201
1965	927	168	-	1,296	27	14,078	26,994
1966	1,110	404	-	736	24	29,078	42,764

1 NOT AVAILABLE. 2/ LESS THAN 500. 3/ CHUBS INCLUDED WITH LAKE HERRING. NOTE: BLUE PIKE DO NOT OCCUR IN LAKE MICHIGAN.

Table 6.--UNITED STATES LAKE SUPERIOR LANDINGS BY SPECIES AND TOTAL CANADIAN LANDINGS, 1879-1966 - Continued

(THOUSANDS OF POUNDS)

YEAR	SUCKERS	YELLOW PERCH	YELLOW PIKE (WALLEYE)	MISCEL-LANEOUS	TOTAL		
					UNITED STATES	CANADA	UNITED STATES AND CANADA
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879	(1)	(1)	(1)	61	3,817	352	4,169
1885	(1)	(1)	(1)	441	8,826	1,642	10,468
1889	1	28	(1)	207	7,884	2,183	10,067
1890	(1)	(1)	(1)	91	6,116	1,943	8,059
1893	(1)	2	(1)	1,465	7,979	2,235	10,214
1897	(1)	(1)	(1)	102	6,028	2,382	8,410
1899	(1)	4	13	46	6,335	3,005	9,340
1903	164	2	82	59	13,986	2,413	16,399
1908	283	4	117	42	9,601	2,886	12,487
1913	(1)	7	62	727	10,173	2,646	12,818
1914	(1)	17	61	550	12,475	3,514	15,989
1915	(1)	17	71	492	9,543	8,217	17,760
1916	(1)	3	30	647	8,350	5,630	13,981
1917	347	3	25	102	9,911	5,653	15,564
1918	(1)	19	45	492	11,553	7,734	19,287
1919	(1)	3	17	386	10,527	4,296	14,823
1920	(1)	13	14	318	9,066	3,556	12,622
1921	(1)	10	22	305	7,525	2,460	9,986
1922	260	17	28	36	6,571	2,611	9,182
1923	(1)	6	22	281	7,585	4,588	12,173
1924	(1)	49	23	421	9,510	3,216	12,726
1925	(1)	2	19	630	12,555	3,565	16,119
1926	(1)	5	25	776	13,715	4,311	18,026
1927	(1)	15	24	706	15,630	5,152	20,781
1928	(1)	12	33	626	13,420	5,400	18,820
1929	226	7	22	42	16,565	4,857	21,421
1930	94	10	22	58	14,867	4,761	19,627
1931	166	4	25	32	11,258	3,169	14,427
1932	211	8	(1)	143	10,369	2,488	12,857
1933	204	6	27	43	10,631	3,108	13,739
1934	163	3	25	29	17,620	3,988	21,608
1935	227	1	19	48	17,872	3,578	21,450
1936	191	8	(1)	87	16,008	4,900	20,908
1937	447	9	(1)	48	16,012	4,509	20,521
1938	289	8	45	38	14,856	4,057	18,913
1939	159	8	36	32	16,783	3,307	20,090
1940	158	3	6	19	20,672	3,319	23,991
1941	138	6	5	24	22,111	3,436	25,547
1942	148	6	3	14	19,228	3,363	22,590
1943	203	8	33	35	18,372	3,347	21,719
1944	166	4	37	39	19,245	3,761	23,006
1945	276	2	29	32	18,725	3,812	22,537
1946	228	4	38	21	18,148	3,589	21,737
1947	71	(2)	25	19	14,987	2,830	17,817
1948	83	5	36	27	19,221	3,371	22,592
1949	64	(2)	26	22	17,730	3,188	20,919
1950	100	2	34	27	12,584	2,655	15,239
1951	127	3	22	30	14,035	2,851	16,886
1952	90	1	12	16	15,465	3,127	18,592
1953	52	(2)	16	33	13,650	2,771	16,420
1954	54	(2)	21	19	15,385	2,890	18,275
1955	57	1	22	34	13,581	2,540	16,121
1956	26	3	1	19	13,591	2,145	15,736
1957	48	2	(2)	40	13,565	2,797	16,361
1958	43	1	(2)	52	13,194	2,871	16,065
1959	50	1	1	76	14,956	3,850	18,806
1960	68	2	1	18	13,771	2,828	16,599
1961	47	5	1	47	14,749	2,354	17,103
1962	45	2	1	22	12,602	3,147	15,749
1963	53	2	1	25	12,125	2,966	15,091
1964	45	17	(2)	55	9,642	2,682	12,324
1965	34	3	2	43	8,748	2,270	11,018
1966	27	8	1	27	8,258	1,846	10,104

1/ NOT AVAILABLE. 2/ LESS THAN 500. 3/ CHUBS INCLUDED WITH LAKE HERRING. NOTE: BLUE PIKE, SHEEPSHEAD, AND WHITE BASS DO NOT OCCUR IN LAKE SUPERIOR.

Table 6.--UNITED STATES LAKE SUPERIOR LANDINGS BY SPECIES AND TOTAL CANADIAN LANDINGS, 1879-1966 - Continued

(THOUSANDS OF POUNDS)

YEAR	CARP	CATFISH	CHUBS-	LAKE HERRING	LAKE TROUT	LAKE WHITEFISH	SAUGER	SMELT
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1879	-	(1)	(3)	3/ 34	1,465	2,257	(1)	-
1885	(1)	(1)	(3)	3/325	3,488	4,572	(1)	-
1889	(1)	(1)	(3)	3/382	3,367	3,899	(1)	-
1890	(1)	(1)	(3)	3/199	2,613	3,213	(1)	-
1893	(1)	(1)	(1)	(1)	4,342	2,170	(1)	-
1897	(1)	(1)	(3)	3/694	3,794	1,438	(1)	-
1899	-	(1)	(3)	3/1,515	3,625	1,132	(1)	-
1903	-	(1)	(3)	3/6,751	5,592	1,336	(1)	-
1908	-	(1)	(3)	3/5,310	2,903	942	(1)	-
1913	-	(1)	(3)	3/6,878	2,386	113	(1)	-
1914	-	(1)	(3)	3/9,816	1,676	355	(1)	-
1915	-	(1)	(3)	3/7,023	1,373	567	(1)	-
1916	-	(1)	(3)	3/5,317	2,178	175	(1)	-
1917	-	(1)	(3)	3/7,194	1,983	257	(1)	-
1918	-	(1)	(3)	3/8,344	2,326	327	(1)	-
1919	-	(1)	(3)	3/6,418	3,463	240	(1)	-
1920	(2)	(1)	(3)	3/6,484	2,016	221	(1)	-
1921	-	(1)	(3)	3/4,809	2,124	255	(1)	-
1922	-	(1)	(3)	3/3,736	2,175	319	(1)	-
1923	-	(1)	(3)	3/5,231	1,901	144	(1)	(1)
1924	-	(1)	(3)	3/6,216	2,565	236	(1)	(1)
1925	-	(1)	(3)	3/9,002	2,655	247	(1)	(1)
1926	-	(1)	(3)	3/9,349	3,280	280	(1)	(1)
1927	-	(1)	(3)	3/11,506	3,051	328	(2)	(1)
1928	3	(1)	(3)	3/ 9,496	2,962	286	2	(1)
1929	1	(1)	(3)	3/13,288	2,804	166	9	(1)
1930	1	(1)	(3)	3/11,937	2,489	252	4	(1)
1931	(2)	(1)	(3)	3/ 7,563	2,993	474	1	-
1932	5	-	(3)	3/ 6,445	3,067	484	6	-
1933	(2)	-	(3)	3/ 7,338	2,493	520	(2)	-
1934	1	(1)	(3)	3/13,535	3,374	488	2	-
1935	(2)	(1)	(3)	3/13,588	3,476	512	1	(2)
1936	2	-	(3)	3/12,112	3,233	374	1	-
1937	(2)	-	(3)	3/12,059	3,085	364	(2)	-
1938	(2)	-	(3)	3/10,850	3,167	455	-	4
1939	(2)	-	(3)	3/13,307	2,744	497	-	-
1940	-	-	(3)	3/17,117	2,677	692	(2)	-
1941	1	-	517	17,838	2,854	728	(2)	(2)
1942	(2)	(1)	502	14,844	2,959	751	(2)	1
1943	(2)	-	434	13,874	3,053	732	(2)	(2)
1944	(2)	-	369	14,227	3,740	663	(2)	(2)
1945	(2)	-	255	14,045	3,369	717	(2)	(2)
1946	(2)	-	356	13,142	3,444	915	(2)	(2)
1947	(2)	(2)	149	10,808	2,964	951	(2)	(2)
1948	(2)	-	210	14,705	2,954	1,201	(2)	(2)
1949	(2)	-	163	13,204	2,966	1,284	(2)	1
1950	(2)	-	29	8,158	3,193	1,040	(2)	1
1951	(2)	-	75	10,424	2,911	442	-	1
1952	(2)	-	91	12,021	2,838	351	(2)	45
1953	(2)	-	69	10,439	2,413	607	(2)	21
1954	(2)	-	182	11,823	2,256	1,005	(2)	25
1955	(2)	-	154	10,134	2,101	1,004	(2)	74
1956	(2)	-	216	10,478	1,813	917	(2)	118
1957	(2)	-	266	11,355	1,191	525	(2)	138
1958	(2)	(2)	1,181	10,216	1,060	309	-	332
1959	(2)	-	1,264	11,512	868	383	(2)	801
1960	(2)	(2)	1,258	10,812	380	284	1	947
1961	(2)	-	1,186	11,457	323	343	(2)	1,340
1962	(2)	(2)	1,013	9,906	257	401	(2)	955
1963	(2)	-	1,588	8,419	101	443	(2)	1,493
1964	1	-	789	6,187	102	426	(2)	2,020
1965	(1)	-	2,133	4,732	124	434	(2)	1,243
1966	(2)	(2)	1,957	4,508	120	341	4	1,265

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED)

Table 7.--UNITED STATES GREAT LAKES LANDINGS BY STATES, 1935-66

(THOUSANDS OF POUNDS)

YEAR	NEW YORK	PENNSYLVANIA	OHIO	MICHIGAN 1/	INDIANA 1/
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1935	1,475	3,271	25,191	30,621	435
1936	1,290	3,899	31,083	28,972	544
1937	2,451	3,007	21,087	28,409	781
1938	2,377	2,674	22,040	28,682	763
1939	2,595	2,762	23,512	28,898	605
1940	1,970	2,295	18,996	26,044	524
1941	1,100	1,794	18,642	28,132	286
1942	897	1,901	20,338	26,279	139
1943	1,402	2,975	21,872	25,700	120
1944	2,023	2,685	23,371	22,111	49
1945	2,281	3,514	22,172	23,960	54
1946	2,640	3,665	21,774	24,159	33
1947	1,045	1,357	16,689	25,545	16
1948	1,309	2,534	21,796	30,136	24
1949	2,305	4,436	26,682	25,534	30
1950	574	2,236	20,225	23,153	34
1951	800	736	18,700	25,020	90
1952	1,265	2,112	21,247	29,232	21
1953	891	1,903	22,949	25,013	21
1954	1,214	2,232	23,435	27,231	21
1955	2,079	3,056	20,388	25,438	13
1956	1,347	2,135	26,085	24,636	8
1957	911	1,778	25,964	22,477	7
1958	653	1,010	19,419	25,487	6
1959	500	1,071	19,518	22,323	1
1960	589	1,015	18,011	25,021	16
1961	897	1,286	15,810	24,535	14
1962	680	2,150	15,225	22,121	6
1963	502	1,412	14,223	20,326	6
1964	446	817	11,230	19,761	11
1965	442	515	11,528	19,748	7
1966	457	573	10,516	21,284	87

YEAR	ILLINOIS	WISCONSIN	MINNESOTA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1935	1,300	16,330	8,390	87,011
1936	1,369	17,740	5,676	90,570
1937	1,462	17,757	6,047	81,001
1938	1,156	15,348	6,261	79,299
1939	1,259	16,082	7,007	82,720
1940	1,943	17,006	7,811	76,588
1941	1,555	18,719	6,202	76,429
1942	1,777	17,093	5,140	73,563
1943	1,909	17,028	5,659	76,667
1944	1,657	16,675	5,595	74,167
1945	1,621	19,044	4,768	77,413
1946	1,505	19,636	3,781	77,192
1947	1,832	18,615	3,162	68,261
1948	1,620	20,372	4,177	81,968
1949	1,497	18,606	4,395	83,483
1950	1,576	18,400	2,708	68,906
1951	1,050	19,731	2,497	68,623
1952	1,233	21,613	2,940	79,663
1953	1,323	20,528	2,897	75,525
1954	1,668	20,854	3,092	79,748
1955	1,521	20,196	2,516	75,207
1956	1,567	20,444	2,726	78,948
1957	1,160	18,480	3,262	74,041
1958	801	18,250	3,270	66,897
1959	245	16,833	2,973	63,464
1960	324	18,394	2,565	65,936
1961	340	21,925	2,334	67,140
1962	289	19,075	2,303	61,850
1963	285	16,916	2,153	55,823
1964	645	18,570	2,079	53,559
1965	180	20,124	1,612	54,156
1966	302	32,822	3,409	69,450

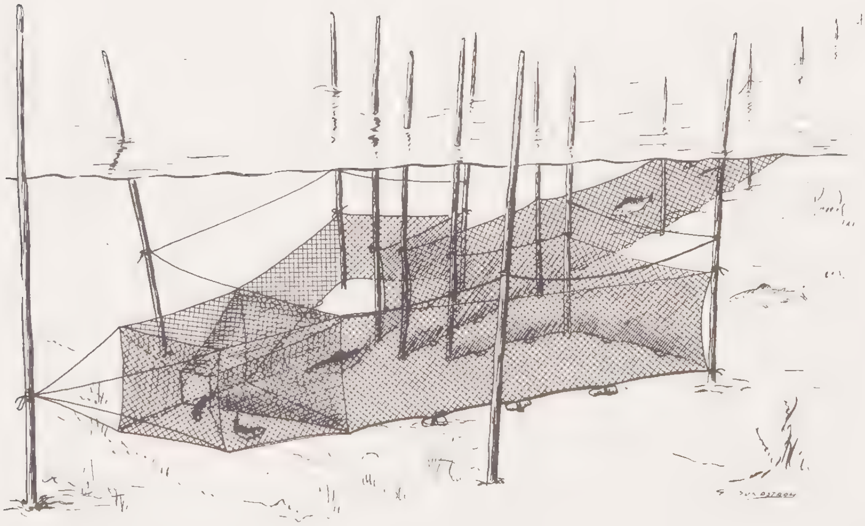
1/ BEGINNING WITH 1944, THE CATCH BY INDIANA FISHERMEN IN MICHIGAN WATERS IS INCLUDED WITH THE PRODUCTION FOR THE STATE OF MICHIGAN.

HISTORICAL FISHERY STATISTICS

Table 8.--PRODUCTION OF ALEWIVES IN THE GREAT LAKES, 1951-66

YEAR	LAKE ONTARIO	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1951	200	-	-	-
1953	400	-	-	-
1956	-	-	400	-
1957	200	1,900	220,400	-
1958	-	-	1,356,500	(1)
1959	-	3,000	1,264,400	-
1960	-	12,200	2,370,200	100
1961	-	12,000	3,199,000	100
1962	-	3,800	4,742,300	(1)
1963	-	1,900	5,396,400	100
1964	(1)	1,200	11,743,300	300
1965	-	(1)	14,006,700	100
1966	-	4,200	29,001,800	300

1/ LESS THAN 50 POUNDS.



POUND NET

VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

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HISTORICAL FISHERY STATISTICS

INTRODUCTION

The Branch of Fishery Statistics, Washington, D.C., receives numerous inquiries for information on trends in new construction of U.S. fishing vessels. Demand for these data increased during the past year and a half with the adoption of PPB (Program Planning and Budgeting) techniques by the Bureau of Commercial Fisheries. To meet this need, data on the physical characteristics of vessels documented as fishing craft were assembled for 1957-66. I recognize that the short time span covered by this report is insufficient to meet all the needs of those interested in the trends of new construction in the fishing fleet. Time and resources did not permit a more extensive review.

The Bureau of Commercial Fisheries publishes current data on the number of vessels obtaining documents as fishing craft. These are compiled from the U.S. Coast Guard Monthly Supplement to Merchant Vessels of the United States. This publication and Coast Guard documents are the sources of data for this publication. Since 1964, these data have been published annually in U.S. Fish and Wildlife Service Fisheries of the United States. A table in each issue shows the physical characteristics of these craft for each section of the country. To get a larger prospective I decided to use the statistics for the last 10 years. Despite some fluctuations from year to year these data show certain definite trends.

U.S. merchant vessels (including fishing craft 5 net tons or over) are documented by the U.S. Coast Guard, Department of Transportation, under authority of 46 U.S.C. 251. This responsibility was transferred from the Bureau of Customs to the Coast Guard by Treasury Order 167-81. Excerpts from title 46 appear as an appendix and give a detailed description of some of the terms and definitions used in the following pages. Vessels of 5 net tons or greater, engaged in commerce in U.S. coastal waters or on the high seas and operating from a U.S. port, are required to be documented. Three types of vessel documents are issued.

1. Registered--vessel with a home port in the United States, engaged in foreign commerce.

2. Licensed--any vessel of less than 20 tons engaged in coastal trade or fishing.

3. Enrolled--any vessel of 20 tons or over engaged in coastal trade or fishing.

Before a new vessel is completed, the prospective owner must make application for documentation. Subsequently, an authorized agent of the Coast Guard (called the admeasurer) measures the vessel according to specific rules. (The procedure is described in a Bureau of Customs publication, Measurement of Vessels, that may be obtained from the U.S. Government Printing Office, Washington, D.C. 20401.) The physical characteristics of the vessel (length, breadth, gross tons, net tons, etc.,) are determined by the admeasurer and entered on the vessels document. A builder's certificate is necessary for documentation and must show among other things, when, where, and by whom the vessel was constructed. Only vessels constructed in the United States may be documented as fishing craft or for use in coastal trade (see 46 U.S.C. 251 for exceptions). All vessel documents carry a service designation. This specifies the particular trade or business in which the vessel is engaged. For fishing vessels these are cod fishing, oystering, fishing (other than cod), and whale fishing. Vessels in a service other than fishing prior to fishing must obtain a document which specifies the trade as fishing. Each year a small number of vessels that have previously been fishing but changed to other work for a period of time are redocumented as fishing craft. These are termed "Redocumentations" by the Coast Guard and have been included in this report. These craft generally are from 5 to 25 years of age, but a few are older.

In the 10-years 1957-66, a total of 5,653 vessels having 242,536 gross tons obtained documents as fishing craft. This was an average of 565 vessels per year and 43 gross tons per vessel. Only 367 vessels were documented in 1962--the low year; 1966 was the high with 816. More vessels obtained documents as fishing craft in 1966 than in any year since 1949. In 1957, the average for vessels included in this report was 37 gross tons. The average declined slightly in the next 3 years but in 1961 rose to 40 tons per vessel and by 1966 reached 57, an increase of 55 percent or 20 gross tons per vessel in the 10 years covered by this report.

The Gulf coastal states (Florida West Coast, Alabama, Mississippi, Louisiana, and Texas) led all U.S. sections in both number of vessels and total gross tonnage. Gulf coastal ports documented 2,047 (36 percent of the number) with a total of 111,441 gross tons (46 percent of the tonnage). The number documented reached a low in 1960 when only 87 entered the fishery. Thereafter, the trend was generally upward and reached 373 in 1966.

Conditions in shrimp industry strongly influence the number of vessels obtaining documents as fishing craft in the Gulf States. When prices and fishing are good, the number of craft entering the fishery increases; when catches and prices are low, new construction declines and few vessels are documented. For example, in 1957 prices were fairly good; however, fishing was poor, and many vessel owners feared that the fleet was over expanded and that species were overfished. The catch was the lowest in 8 years, but the Exvessel Price Index averaged 106.2 for the year. This condition discouraged new building, and the number of vessels documented in that year declined. Only 158 vessels obtained documents as fishing craft in 1957. In 1959 and 1960, prices dropped, but the catches were good in both years. The yearly Exvessel Price Index was 75.5 in 1959 and 80.5 in 1960, and, despite good catches, such low prices do not stimulate new building. The Gulf shrimp fishery declined abruptly in 1961, and despite an enormous increase in effort only 134 million pounds were landed--the lowest since 1939. Even with the greatly reduced landings, prices did not advance .materially until late July and August, and by that time the spring peak of production was over and was obviously a failure. Only 100 vessels obtained documents as fishing craft in the Gulf States that year and 111 the following year, about half the 10-year average. By midyear 1962, prices began to recover and the Price Index for the year reached 116.5.For the next 4 years, prices remained favorable for the vessel operator and catches were moderately good. Although the industry was somewhat cautious at first, it built an increasing number of vessels. The newer vessels, many of which would also fish for shrimp in Caribbean and South American waters, were larger than the usual shrimper and had greater horsepower for the long trips, heavy seas, and strong currents in the Caribbean area. The efficiency of these new, large, and powerful vessels raised some serious questions. Much of the hold space in these newer craft is not being used, and operating costs are higher. Catches and prices must remain high if these costly units are to prove profitable. A severe decline in landings such as occurred in 1961 could test the profitability of these new vessels.

The number of vessels documented in the Pacific Coast States (California, Oregon, Washington, and Alaska) was 1,578 vessels totaling 51,193 gross tons. This region had 28 percent of the number and 21 percent of the tonnage of all U.S. vessels documented as fishing craft in the 10 years. Most of the Pacific Coast vessels that were documented were 10 to 19 tons--a size group in which most salmon trollers and gill netters occur. The number of vessels in this size group documented each year remained fairly constant except in 1961 when only 49 obtained documents. The total number of all sizes of newly documented vessels did not deviate greatly from year to year except in 1962 and 1966. In 1962, the number declined to 129--29 less than the average for the 10 years. Despite this decline, the number of newly documented craft in the 10- to 19-ton group was about average. The year was also significant because a decline was apparent in the 5- to 9-ton group and in the large tuna vessels. Shipyards were busy converting tuna clippers to purse seiners in 1962, and this activity undoubtedly curtailed new construction. Furthermore, vessel owners were obviously waiting to see if the newly converted seiners were efficient before they built more new large vessels. Conversion was largely completed by 1965, the efficiency of the purse seine unit was proven, and new tuna seiners of 200 to 800 tons were being built. Development of tuna purse seining and a favorable market for tuna obviously contributed to increased building of larger vessels.

In the South Atlantic States (North Carolina, South Carolina, Georgia, and Florida, East Coast), where vessel construction is governed largely by conditions in the shrimp industry, the number of documentations declined steadily, beginning with 123 in 1957 and ending with 77 in both 1965 and 1966. However, the trend was to larger vessels with greater horsepower--much the same pattern as in the Gulf Coast States. Several unprofitable years in the South Atlantic shrimp fishery forced many vessel operators to shift to the Gulf or Caribbean area. The declining catches in the South Atlantic States caused a sharp curtailment in new construction. Undoubtedly some of the craft documented in this area were constructed to fish Caribbean waters.

The Chesapeake Bay States (Maryland and Virginia), where most of the vessels are used for crabbing, oystering, or netting finfish, had little gain in number of new documentations throughout the 10 years. Seven hundred and sixty-four vessels obtained documents as fishing craft, or an average of 76 per year. The average gross tonnage fluctuated considerably but registered an overall gain from 11 tons per vessel in 1957 to 19 tons in 1966. The increase in tonnage was caused by the number of menhaden vessels constructed and documented in the area though many of these craft were destined to fish elsewhere. Even with the menhaden vessels included, the size of the craft documented in the Chesapeake Bay States was on the average smaller than those in many other major fishing areas.

In the New England States (Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut), 277 vessels totaling 13,877 tons were documented as fishing craft during the 10 years. The average size of the vessel increased considerably during 1965 and 1966, principally as a result of Public Law 88-516 as amended, commonly known as the Vessel Subsidy Act. Most of these craft were in the large to medium class and were either draggers or scallopers. In addition, two large trawlers built for France in 1947 were purchased by a Boston firm and returned to the United States. These vessels obtained first documents as fishing craft and added substantially to the total tonnage for this section. General economic conditions in the New England groundfish industry and a lack of technological progress discouraged greater expansion of the fleet.

In the Middle Atlantic States (New York, New Jersey, Pennsylvania, and Delaware), only 147 vessels totaling 10,566 gross tons obtained documents as fishing craft. Several of these were tuna seiners constructed on the Pacific Coast, destined to fish in the Pacific Ocean and land in Puerto Rico, but were documented in Delaware because the corporations owning the vessels are domiciled in that State. A declining menhaden fishery and a static food fish industry plus a severe mortality in the oyster industry combined to discourage expansion of the Middle Atlantic fleet.

In the Great Lakes, Hawaii, and other areas, only a nominal number of documents were issued. Puerto Rico added several large seiners to its expanding tuna fisheries. Few documents were issued in the Great Lakes and Hawaii which have no large fishing fleets and experienced no large expansion of the fisheries.

The increase in overall length of vessels was not as spectacular as the gain in tonnage. Vessels obtaining documents as fishing craft in 1957 averaged 46 feet. The average increased to 50 feet in 1965 and remained unchanged in 1966. With the exception of Puerto Rico, where there were but 12 vessels, mostly large tuna seiners, the Middle Atlantic vessels had the greatest average length--59 feet, followed by the Gulf of Mexico with 53 feet and South Stlantic 51 feet. Pacific Coast vessels averaged only 40 feet, principally the result of the predominance of the salmon troll and gill net fleets. The greatest gain in average length was registered in New England where in 1957 the average length was only 43 feet and in 1965 and 1966 reached 60 feet, a gain of 17 feet (40 percent). The documentation of the smaller craft in New England represented mostly lobster vessels and small draggers.

Average gross tons U.S. fishing fleet

Year	Total gross tons	Number of vessels	Average gross tons
1960	402,212	12,018	33
1961	400,935	11,964	34
1962	395,164	11,511	34
1963	408,778	11,928	34
1964	415,338	11,808	35
1965	431,308	12,311	35
1966	456,458	12,677	36

Documentation of vessels as fishing craft from 1957 to 1966 indicated a remarkable growth in tonnage. Meanwhile the active U.S. fishing fleet from 1960 through 1966 had a net gain of only 3 gross tons per vessel--the average being 33 gross tons in 1960 and 36 in 1966.

HISTORICAL FISHERY STATISTICS

MEASUREMENT OF TONNAGE LENGTH

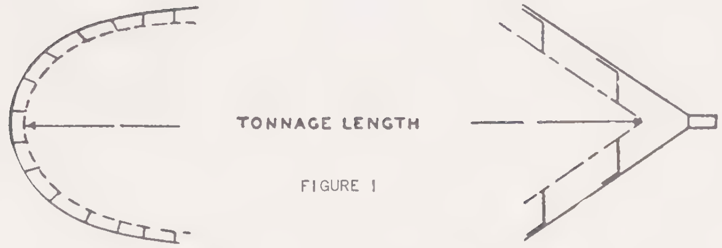

FIGURE 1

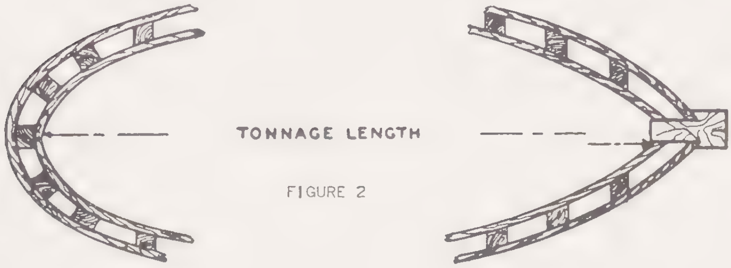

FIGURE 2

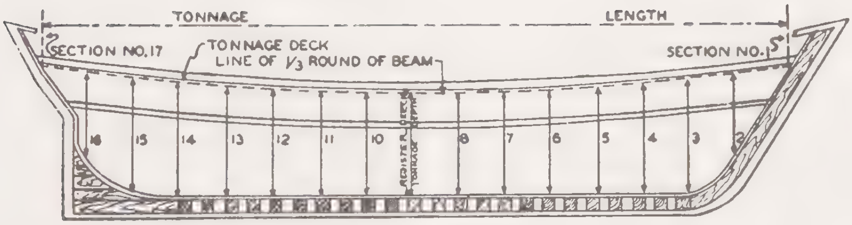

FIGURE 3

Tonnage length. The length of the vessel as shown on the document is the length in feet and tenths of feet as determined by measuring on the deck, from the fore part of the outer planking (where it is rabbeted) on the side of the stem of wooden vessels, or fore end of lap of outer plating of steel or iron vessels, to the after side of the main sternpost.

Tables on length appearing in this publication are shown in feet. Fractional parts of feet (tenths) have been dropped to facilitate handling the data.

Figures 1, 2, and 3, are taken from the publication "Measurement of Vessels", through the courtesy of the Department of Treasury, Bureau of Customs, Washington, D.C.

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

SUMMARY BY YEAR BUILT

Year built	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
1894.	-	-	1	-	-	-	-	-	-	-
1896.	-	-	-	-	-	-	-	-	-	1
1898.	-	-	1	1	-	-	-	-	1	-
1899.	-	-	-	1	-	-	-	-	-	-
1903.	-	-	-	-	1	-	-	-	-	-
1904.	1	-	-	-	-	-	-	-	-	-
1905.	-	-	1	-	-	-	-	-	-	-
1906.	-	-	-	-	-	-	-	-	-	1
1907.	-	-	-	1	-	-	-	-	-	-
1908.	-	-	-	-	-	-	-	-	-	1
1909.	1	-	1	1	-	-	-	-	-	-
1911.	-	-	-	-	-	1	1	-	1	-
1912.	-	1	-	-	-	-	-	-	-	1
1913.	-	1	-	2	-	-	1	-	-	-
1914.	-	1	1	-	-	-	1	-	-	1
1915.	-	2	1	3	-	-	2	-	-	-
1916.	-	1	-	1	-	-	-	-	1	-
1917.	1	3	1	1	1	1	-	-	1	-
1918.	3	4	1	2	2	-	1	1	2	1
1919.	-	-	2	-	-	-	-	-	2	2
1920.	1	2	3	1	3	-	-	-	1	2
1921.	-	1	1	-	-	-	1	1	1	-
1922.	2	1	-	-	-	-	1	-	-	1
1923.	-	1	-	-	-	-	1	-	1	1
1924.	2	-	3	-	1	1	3	2	-	5
1925.	-	2	2	3	-	-	2	2	-	1
1926.	-	2	1	3	6	1	4	-	2	1
1927.	1	3	3	3	-	1	-	2	4	1
1928.	1	2	3	2	1	4	4	-	3	2
1929.	4	1	1	6	-	-	1	-	3	2
1930.	-	6	2	1	2	2	2	-	1	2
1931.	2	-	1	3	2	2	3	1	2	-
1932.	-	1	-	7	-	-	2	3	1	2
1933.	-	1	3	1	2	-	3	-	4	2
1934.	-	1	3	3	2	1	1	1	2	1
1935.	2	4	1	3	1	2	7	1	1	3
1936.	3	2	3	4	3	4	2	1	6	6
1937.	5	5	2	3	4	-	2	2	5	5
1938.	5	3	1	3	4	1	1	-	7	3
1939.	2	8	2	6	3	1	6	2	5	5
1940.	1	6	4	5	2	1	-	1	6	5
1941.	3	3	5	4	5	2	8	-	3	5
1942.	13	10	9	6	11	8	13	3	11	7
1943.	21	8	13	17	9	8	14	8	10	14
1944.	13	17	22	16	15	6	14	7	13	3
1945.	14	17	13	18	13	11	5	9	8	8
1946.	4	6	7	6	3	3	6	2	12	4
1947.	4	5	3	7	6	3	2	4	12	12
1948.	4	5	2	5	5	-	9	1	10	3
1949.	-	6	1	5	1	1	3	1	1	5
1950.	1	5	2	2	-	2	2	1	3	1
1951.	2	-	1	1	-	2	2	-	4	2

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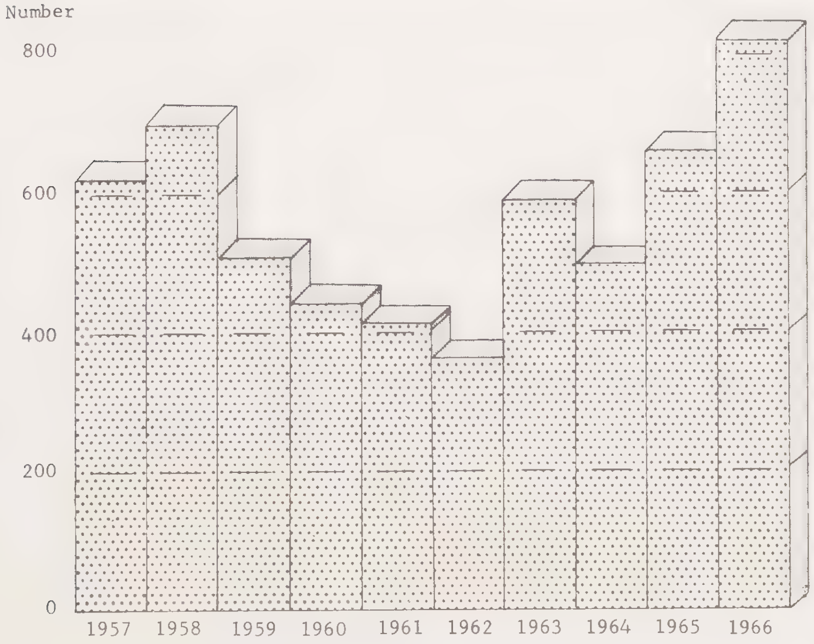
HISTORICAL FISHERY STATISTICS
VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

SUMMARY BY YEAR BUILT - Continued

Year built	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
1952.	6	-	3	-	1	1	1	2	3	5
1953.	1	1	4	7	3	2	2	2	-	1
1954.	2	2	2	2	2	-	2	2	4	4
1955.	5	2	5	4	1	3	2	3	1	3
1956.	52	3	3	5	4	2	3	2	5	4
1957.	425	76	9	3	3	1	2	4	3	4
1958.	-	470	47	10	2	-	4	3	3	1
1959.	-	-	296	41	9	2	5	2	3	7
1960.	-	-	-	205	40	8	8	3	4	6
1961.	-	-	-	-	247	31	7	2	3	5
1962.	-	-	-	-	-	239	31	7	5	6
1963.	-	-	-	-	-	-	383	40	8	9
1964.	-	-	-	-	-	-	-	369	33	5
1965.	-	-	-	-	-	-	-	-	428	68
1966.	-	-	-	-	-	-	-	-	-	551
Unknown . . .	12	12	11	15	7	9	9	6	10	15
Total. .	619	713	507	449	427	367	589	503	663	816

VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66



HISTORICAL FISHERY STATISTICS
VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

SUMMARY OF TONNAGE DISTRIBUTION

Gross tonnage	1957	1958	1959	1960	1961
	Number	Number	Number	Number	Number
5 - 9. . . .	139	147	133	149	133
10 - 19. . . .	161	174	162	155	131
20 - 29. . . .	44	36	44	47	37
30 - 39. . . .	51	70	48	23	26
40 - 49. . . .	79	67	37	20	18
50 - 59. . . .	35	71	21	13	21
60 - 69. . . .	74	111	34	16	22
70 - 79. . . .	12	21	12	2	17
80 - 89. . . .	2	1	3	4	2
90 - 99. . . .	1	2	1	2	2
100 - 109. . . .	3	-	-	-	-
110 - 119. . . .	1	1	2	1	1
130 - 139. . . .	1	3	-	-	1
140 - 149. . . .	1	-	1	-	-
160 - 169. . . .	1	1	-	-	-
170 - 179. . . .	1	-	-	-	-
180 - 189. . . .	-	-	-	1	1
190 - 199. . . .	4	1	2	2	1
200 - 209. . . .	-	-	1	-	-
230 - 239. . . .	-	-	-	2	2
240 - 249. . . .	-	1	-	-	-
250 - 259. . . .	3	-	1	-	1
260 - 269. . . .	1	1	1	-	-
290 - 299. . . .	-	1	-	2	1
330 - 339. . . .	-	-	-	1	-
340 - 349. . . .	-	-	-	1	-
360 - 369. . . .	-	-	-	1	2
370 - 379. . . .	2	3	2	-	-
410 - 419. . . .	-	-	1	-	-
420 - 429. . . .	-	-	-	1	-
460 - 469. . . .	-	-	-	1	-
470 - 479. . . .	-	-	-	5	-
480 - 489. . . .	-	-	-	-	1
530 - 539. . . .	-	-	1	-	-
540 - 549. . . .	-	-	-	-	1
560 - 569. . . .	-	-	-	-	1
570 - 579. . . .	-	-	-	-	1
580 - 589. . . .	-	-	-	-	1
600 - 609. . . .	1	-	-	-	-
610 - 619. . . .	1	-	-	-	-
640 - 649. . . .	-	1	-	-	-
680 - 689. . . .	1	-	-	-	-
770 - 779. . . .	-	-	-	-	1
810 - 819. . . .	-	-	-	-	2
Total vessels . . .	619	713	507	449	427
Total gross tonnage . . .	22,754	25,815	15,164	14,401	17,035
Average . . .	37	36	30	32	40

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
5 - 9. . . .	62	123	73	133	162	1,254
10 - 19. . . .	137	178	143	188	219	1,648
20 - 29. . . .	33	61	45	55	55	457

(Continued on next page)

HISTORICAL FISHERY STATISTICS
VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

SUMMARY OF TONNAGE DISTRIBUTION - Continued

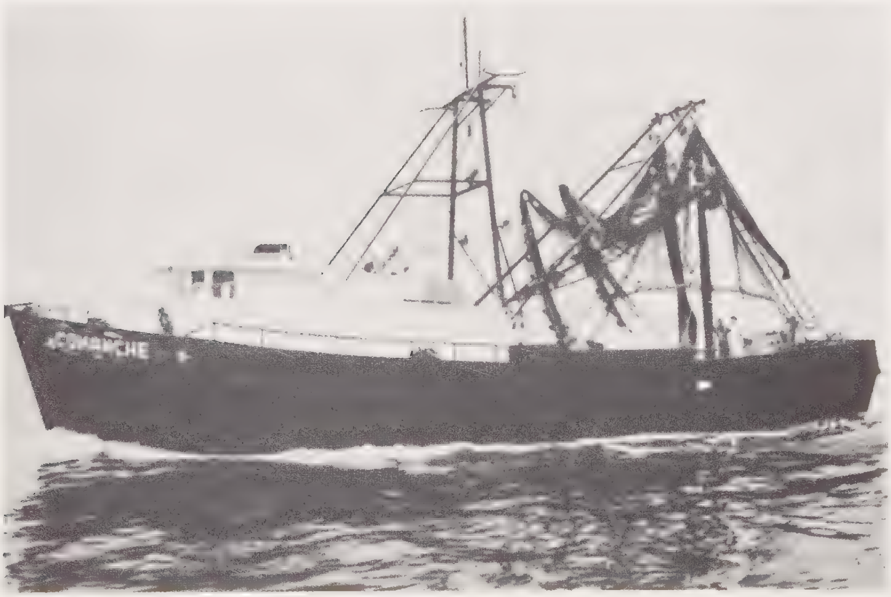
Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
30 - 39. . . .	33	23	32	20	28	354
40 - 49. . . .	15	35	23	34	34	362
50 - 59. . . .	9	16	30	15	25	256
60 - 69. . . .	17	33	34	27	39	407
70 - 79. . . .	36	73	66	19	24	282
80 - 89. . . .	3	12	25	26	40	118
90 - 99. . . .	1	2	13	92	110	226
100 - 109. . . .	1	3	3	9	13	32
110 - 119. . . .	3	3	3	2	10	27
120 - 129. . . .	1	-	-	2	11	14
130 - 139. . . .	2	-	1	3	8	19
140 - 149. . . .	-	9	-	1	5	17
150 - 159. . . .	-	1	-	4	1	6
160 - 169. . . .	-	2	1	3	3	11
170 - 179. . . .	-	-	-	4	2	7
180 - 189. . . .	-	-	1	1	1	5
190 - 199. . . .	-	-	-	2	3	15
200 - 209. . . .	-	-	-	-	-	1
210 - 219. . . .	2	-	-	2	-	4
220 - 229. . . .	1	1	1	-	-	3
230 - 239. . . .	1	1	-	-	1	7
240 - 249. . . .	-	1	-	-	-	2
250 - 259. . . .	1	2	-	-	-	8
260 - 269. . . .	1	1	-	1	2	8
270 - 279. . . .	-	-	-	1	1	2
290 - 299. . . .	-	2	-	-	1	7
300 - 309. . . .	-	1	-	1	-	2
310 - 319. . . .	-	1	1	1	-	3
320 - 329. . . .	-	-	1	1	-	2
330 - 339. . . .	-	-	-	1	-	2
340 - 349. . . .	1	-	-	-	1	3
360 - 369. . . .	-	-	1	2	1	7
370 - 379. . . .	-	-	-	-	-	7
380 - 389. . . .	-	-	-	-	2	2
410 - 419. . . .	-	-	-	-	-	1
420 - 429. . . .	-	-	-	1	-	2
430 - 439. . . .	-	-	1	1	-	2
440 - 449. . . .	-	-	-	-	2	2
450 - 459. . . .	-	1	1	-	-	2
460 - 469. . . .	-	-	-	-	-	1
470 - 479. . . .	-	-	-	-	-	5
480 - 489. . . .	2	-	-	-	-	3
490 - 499. . . .	1	-	1	-	-	2
510 - 519. . . .	-	-	-	2	-	2
520 - 529. . . .	-	-	1	3	-	4
530 - 539. . . .	-	1	-	-	2	4
540 - 549. . . .	1	-	1	-	-	3
550 - 559. . . .	1	-	-	1	-	2
560 - 569. . . .	-	-	-	-	-	1
570 - 579. . . .	-	-	-	1	-	2
580 - 589. . . .	-	-	-	1	-	2
590 - 599. . . .	-	-	-	2	-	2
600 - 609. . . .	-	-	-	-	8	9
610 - 619. . . .	-	-	-	-	-	1
640 - 649. . . .	-	1	-	-	-	2
680 - 689. . . .	-	-	-	-	-	1

(Continued on next page)

HISTORICAL FISHERY STATISTICS
VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

SUMMARY OF TONNAGE DISTRIBUTION - Continued

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
720 - 729. . . .	-	-	-	1	-	1
730 - 739. . . .	-	-	-	-	1	1
750 - 759. . . .	-	-	-	-	1	1
770 - 779. . . .	1	-	-	-	-	2
790 - 799. . . .	-	1	-	-	-	1
800 - 809. . . .	-	1	1	-	-	2
810 - 819. . . .	-	-	-	-	-	2
850 - 859. . . .	1	-	-	-	-	1
Total vessels . . .	367	589	503	663	816	5,653
Total gross tonnage . . .	16,267	25,020	23,412	36,474	46,194	242,536
Average . . .	44	42	47	55	57	43



Comanche: (114 gross tons, 77 net tons, 74.3 feet long, 380 horsepower). This vessel is typical of the new steel-hull vessels being constructed for shrimp fishing in the Gulf of Mexico and Caribbean waters. It has equipment for peeling, deveining, and freezing shrimp aboard the vessel. The crew's quarters are air-conditioned.

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

SUMMARY OF LENGTH DISTRIBUTION

Length	1957	1958	1959	1960	1961
Feet	Number	Number	Number	Number	Number
20 - 29	28	37	36	57	67
30 - 39	254	250	240	243	183
40 - 49	113	136	107	67	85
50 - 59	121	171	69	40	28
60 - 69	78	103	43	21	42
70 - 79	7	3	2	2	5
80 - 89	3	3	-	1	2
90 - 99	-	1	1	2	-
100 - 109	5	2	1	1	1
110 - 119	2	3	2	4	-
120 - 129	4	1	2	-	4
130 - 139	1	1	2	-	1
140 - 149	-	1	1	2	1
150 - 159	1	-	-	9	2
160 - 169	-	-	-	-	4
170 - 179	-	-	1	-	2
190 - 199	2	1	-	-	-
Total vessels	619	713	507	449	427
Total length.	28,719	33,108	21,923	19,082	18,956
Average . . .	46	46	43	42	44

Length	1962	1963	1964	1965	1966
Feet	Number	Number	Number	Number	Number
20 - 29	32	56	49	70	102
30 - 39	155	231	163	243	266
40 - 49	78	104	94	91	99
50 - 59	24	43	34	46	65
60 - 69	56	120	144	163	202
70 - 79	5	14	6	8	43
80 - 89	-	4	2	9	13
90 - 99	-	1	-	9	1
100 - 109	5	1	1	2	4
110 - 119	1	1	1	4	1
120 - 129	1	5	1	2	4
130 - 139	1	2	2	4	4
140 - 149	-	2	1	-	1
150 - 159	3	1	3	2	-
160 - 169	4	1	2	8	10
170 - 179	-	3	-	-	1
180 - 189	1	-	-	-	-
190 - 199	1	-	-	-	-
200 - 209	-	-	-	2	-
Total vessels	367	589	503	663	816
Total length.	17,431	27,828	24,408	33,182	40,847
Average . . .	47	47	48	50	50

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

SUMMARY OF HORSEPOWER DISTRIBUTION

Horsepower	1957	1958	1959	1960	1961
	Number	Number	Number	Number	Number
Under 50. . .	11	9	14	15	14
50 - 99 .	77	82	66	72	53
100 - 149 .	176	206	138	135	100
150 - 199 .	232	285	181	133	125
200 - 249 .	69	82	68	37	66
250 - 299 .	16	13	12	17	21
300 - 349 .	16	20	12	15	20
350 - 399 .	-	2	2	1	2
400 - 449 .	2	-	2	3	2
450 - 499 .	5	4	2	4	4
500 - 599 .	1	2	2	1	4
600 - 699 .	-	1	-	4	6
700 - 799 .	1	-	-	-	-
800 - 899 .	-	-	2	1	-
900 - 999 .	3	3	3	6	-
1000 - 1099 .	4	1	2	1	6
1100 - 1199 .	2	-	-	-	-
1200 - 1299 .	3	2	1	1	-
1300 - 1399 .	-	-	-	-	1
1500 - Over .	1	1	-	3	3
Total vessels. .	619	713	507	449	427
Total horsepower	107,958	118,219	85,210	82,277	85,643
Average. .	174	166	168	183	201

Horsepower	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
Under 50. . .	4	17	10	7	22	123
50 - 99 .	39	57	32	67	61	606
100 - 149 .	84	146	104	133	128	1,350
150 - 199 .	115	140	127	137	134	1,609
200 - 249 .	75	120	100	96	118	831
250 - 299 .	12	22	18	29	48	208
300 - 349 .	10	42	83	117	167	502
350 - 399 .	6	12	7	13	74	119
400 - 449 .	2	5	1	13	15	45
450 - 499 .	2	7	6	12	8	54
500 - 599 .	4	3	3	12	9	41
600 - 699 .	-	1	2	8	5	27
700 - 799 .	3	4	1	2	9	20
800 - 899 .	1	1	1	3	-	9
900 - 999 .	2	1	2	-	-	20
1000 - 1099 .	5	6	2	3	3	33
1100 - 1199 .	-	1	-	-	-	3
1200 - 1299 .	-	1	-	-	-	8
1300 - 1399 .	-	1	1	1	1	5
1400 - 1499 .	1	-	-	1	2	4
1500 - Over .	2	2	3	9	12	36
Total vessels. .	367	589	503	663	816	5,653
Total horsepower	75,652	120,864	109,478	160,450	215,105	1,160,856
Average. .	206	205	218	242	264	205

VESSELS DOCUMENTED AS FISHING CRAFT, 1957

TONNAGE DISTRIBUTION

Gross tonnage	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
5 - 9. . . .	2	2	87	6	13
10 - 19. . . .	11	5	13	14	21
20 - 29. . . .	2	-	2	13	11
30 - 39. . . .	1	2	-	20	24
40 - 49. . . .	1	2	1	43	23
50 - 59. . . .	-	1	-	3	28
60 - 69. . . .	1	6	-	16	51
70 - 79. . . .	-	3	-	3	6
80 - 89. . . .	1	-	-	-	1
90 - 99. . . .	-	-	-	1	-
100 - 109. . . .	-	-	-	1	1
110 - 119. . . .	1	-	-	-	-
130 - 139. . . .	-	-	-	-	1
170 - 179. . . .	-	-	-	-	1
190 - 199. . . .	-	-	-	2	2
250 - 259. . . .	-	-	1	1	1
370 - 379. . . .	-	1	-	-	-
600 - 609. . . .	-	-	-	-	1
610 - 619. . . .	-	1	-	-	-
Total vessels	20	23	104	123	185
Total gross tonnage . . .	542	1,910	1,109	5,412	9,488
Average . . .	27	83	11	44	51

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
5 - 9. . . .	28	-	1	-	139
10 - 19. . . .	92	4	-	1	161
20 - 29. . . .	15	1	-	-	44
30 - 39. . . .	4	-	-	-	51
40 - 49. . . .	9	-	-	-	79
50 - 59. . . .	2	1	-	-	35
60 - 69. . . .	-	-	-	-	74
70 - 79. . . .	-	-	-	-	12
80 - 89. . . .	-	-	-	-	2
90 - 99. . . .	-	-	-	-	1
100 - 109. . . .	1	-	-	-	3
110 - 119. . . .	-	-	-	-	1
130 - 139. . . .	-	-	-	-	1
140 - 149. . . .	1	-	-	-	1
160 - 169. . . .	1	-	-	-	1
170 - 179. . . .	-	-	-	-	1
190 - 199. . . .	-	-	-	-	4
250 - 259. . . .	-	-	-	-	3
260 - 269. . . .	1	-	-	-	1
370 - 379. . . .	1	-	-	-	2
600 - 609. . . .	-	-	-	-	1
610 - 619. . . .	-	-	-	-	1
680 - 689. . . .	1	-	-	-	1
Total vessels	156	6	1	1	619
Total gross tonnage . . .	4,135	134	8	16	22,754
Average . . .	26	22	8	16	37

VESSELS DOCUMENTED AS FISHING CRAFT, 1958

TONNAGE DISTRIBUTION

Gross tonnage	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
5 - 9. . . .	2	-	83	4	12
10 - 19. . . .	5	6	12	17	42
20 - 29. . . .	2	2	1	8	8
30 - 39. . . .	-	-	-	22	39
40 - 49. . . .	1	-	-	39	25
50 - 59. . . .	-	-	-	16	49
60 - 69. . . .	-	-	-	22	89
70 - 79. . . .	1	-	-	4	16
80 - 89. . . .	-	-	-	1	-
90 - 99. . . .	-	-	-	1	-
110 - 119. . . .	1	-	-	-	-
130 - 139. . . .	2	-	-	-	-
160 - 169. . . .	-	1	-	-	-
190 - 199. . . .	-	1	-	-	-
240 - 249. . . .	-	-	1	-	-
290 - 299. . . .	-	-	-	-	1
640 - 649. . . .	-	1	-	-	-
Total vessels	14	11	97	134	282
Total gross tonnage . . .	617	1,123	1,018	5,690	13,161
Average . . .	44	102	10	42	47

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
5 - 9. . . .	44	1	-	1	147
10 - 19. . . .	87	5	-	-	174
20 - 29. . . .	14	1	-	-	36
30 - 39. . . .	7	2	-	-	70
40 - 49. . . .	2	-	-	-	67
50 - 59. . . .	4	1	1	-	71
60 - 69. . . .	-	-	-	-	111
70 - 79. . . .	-	-	-	-	21
80 - 89. . . .	-	-	-	-	1
90 - 99. . . .	-	-	-	-	2
110 - 119. . . .	-	-	-	-	1
130 - 139. . . .	1	-	-	-	3
160 - 169. . . .	-	-	-	-	1
190 - 199. . . .	-	-	-	-	1
240 - 249. . . .	-	-	-	-	1
260 - 269. . . .	1	-	-	-	1
290 - 299. . . .	-	-	-	-	1
370 - 379. . . .	3	-	-	-	3
640 - 649. . . .	-	-	-	-	1
Total vessels	163	10	1	1	713
Total gross tonnage . . .	3,922	224	54	6	25,815
Average . . .	24	22	54	6	36

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1959

TONNAGE DISTRIBUTION

Gross tonnage	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
5 - 9. . . .	3	4	81	2	14
10 - 19. . . .	4	4	15	14	33
20 - 29. . . .	1	2	3	14	11
30 - 39. . . .	1	-	1	19	18
40 - 49. . . .	-	-	-	11	20
50 - 59. . . .	1	-	-	8	12
60 - 69. . . .	2	-	-	7	25
70 - 79. . . .	-	1	-	2	9
80 - 89. . . .	-	-	-	-	3
90 - 99. . . .	1	-	-	-	-
110 - 119. . . .	2	-	-	-	-
190 - 199. . . .	-	-	1	-	-
200 - 209. . . .	-	-	1	-	-
250 - 259. . . .	-	-	1	-	-
260 - 269. . . .	-	-	1	-	-
370 - 379. . . .	-	1	-	-	-
410 - 419. . . .	-	-	-	-	1
Total vessels	15	12	104	77	146
Total gross tonnage . . .	637	583	1,780	2,709	5,905
Average . . .	42	48	17	35	40

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
5 - 9. . . .	27	2	-	-	133
10 - 19. . . .	88	3	1	-	162
20 - 29. . . .	12	1	-	-	44
30 - 39. . . .	9	-	-	-	48
40 - 49. . . .	5	1	-	-	37
50 - 59. . . .	-	-	-	-	21
60 - 69. . . .	-	-	-	-	34
70 - 79. . . .	-	-	-	-	12
80 - 89. . . .	-	-	-	-	3
90 - 99. . . .	-	-	-	-	1
110 - 119. . . .	-	-	-	-	2
140 - 149. . . .	1	-	-	-	1
190 - 199. . . .	1	-	-	-	2
200 - 209. . . .	-	-	-	-	1
250 - 259. . . .	-	-	-	-	1
260 - 269. . . .	-	-	-	-	1
370 - 379. . . .	1	-	-	-	2
410 - 419. . . .	-	-	-	-	1
530 - 539. . . .	1	-	-	-	1
Total vessels	145	7	1	-	507
Total gross tonnage . . .	3,410	127	13	-	15,164
Average . . .	24	18	13	-	30

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1960

TONNAGE DISTRIBUTION

Gross tonnage	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
5 - 9. . . .	16	2	64	10	8
10 - 19. . . .	11	7	14	10	27
20 - 29. . . .	3	2	2	10	8
30 - 39. . . .	-	-	-	4	8
40 - 49. . . .	-	4	-	4	9
50 - 59. . . .	-	1	1	2	8
60 - 69. . . .	2	1	-	4	9
70 - 79. . . .	-	-	-	1	1
80 - 89. . . .	-	1	-	1	1
90 - 99. . . .	2	-	-	-	-
110 - 119. . . .	-	-	1	-	-
180 - 189. . . .	1	-	-	-	-
190 - 199. . . .	-	-	-	1	-
230 - 239. . . .	-	-	-	-	2
420 - 429. . . .	-	-	-	1	-
460 - 469. . . .	-	-	-	-	1
470 - 479. . . .	-	-	-	-	5
Total vessels	35	18	82	48	87
Total gross tonnage . . .	832	539	827	1,933	5,754
Average . . .	24	30	10	40	66

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
5 - 9. . . .	45	4	-	-	149
10 - 19. . . .	77	9	-	-	155
20 - 29. . . .	18	4	-	-	47
30 - 39. . . .	10	1	-	-	23
40 - 49. . . .	3	-	-	-	20
50 - 59. . . .	1	-	-	-	13
60 - 69. . . .	-	-	-	-	16
70 - 79. . . .	-	-	-	-	2
80 - 89. . . .	1	-	-	-	4
90 - 99. . . .	-	-	-	-	2
110 - 119. . . .	-	-	-	-	1
180 - 189. . . .	-	-	-	-	1
190 - 199. . . .	1	-	-	-	2
230 - 239. . . .	-	-	-	-	2
290 - 299. . . .	2	-	-	-	2
330 - 339. . . .	1	-	-	-	1
340 - 349. . . .	1	-	-	-	1
360 - 369. . . .	1	-	-	-	1
420 - 429. . . .	-	-	-	-	1
460 - 469. . . .	-	-	-	-	1
470 - 479. . . .	-	-	-	-	5
Total vessels	161	18	-	-	449
Total gross tonnage . . .	4,233	283	-	-	14,401
Average . . .	26	16	-	-	32

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1961

TONNAGE DISTRIBUTION

Gross tonnage	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
5 - 9. . . .	10	3	57	6	9
10 - 19. . . .	12	3	16	9	33
20 - 29. . . .	1	1	2	6	15
30 - 39. . . .	1	-	-	7	8
40 - 49. . . .	1	-	-	5	2
50 - 59. . . .	-	-	-	2	13
60 - 69. . . .	3	1	-	5	12
70 - 79. . . .	1	-	-	7	7
80 - 89. . . .	-	1	-	-	1
90 - 99. . . .	2	-	-	-	-
110 - 119. . . .	1	-	-	-	-
230 - 239. . . .	-	1	-	-	-
250 - 259. . . .	-	1	-	-	-
580 - 589. . . .	-	1	-	-	-
Total vessels	32	12	75	47	100
Total gross tonnage . . .	892	1,315	649	1,757	3,350
Average . . .	28	110	9	37	34

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
5 - 9. . . .	44	3	-	1	133
10 - 19. . . .	49	8	-	1	131
20 - 29. . . .	11	1	-	-	37
30 - 39. . . .	10	-	-	-	26
40 - 49. . . .	10	-	-	-	18
50 - 59. . . .	6	-	-	-	21
60 - 69. . . .	1	-	-	-	22
70 - 79. . . .	2	-	-	-	17
80 - 89. . . .	-	-	-	-	2
90 - 99. . . .	-	-	-	-	2
110 - 119. . . .	-	-	-	-	1
130 - 139. . . .	1	-	-	-	1
180 - 189. . . .	1	-	-	-	1
190 - 199. . . .	1	-	-	-	1
230 - 239. . . .	1	-	-	-	2
250 - 259. . . .	-	-	-	-	1
290 - 299. . . .	1	-	-	-	1
360 - 369. . . .	2	-	-	-	2
480 - 489. . . .	1	-	-	-	1
540 - 549. . . .	1	-	-	-	1
560 - 569. . . .	1	-	-	-	1
570 - 579. . . .	1	-	-	-	1
580 - 589. . . .	-	-	-	-	1
770 - 779. . . .	1	-	-	-	1
810 - 819. . . .	2	-	-	-	2
Total vessels	147	12	-	2	427
Total gross tonnage . . .	8,911	140	-	21	17,035
Average . . .	61	12	-	10	40

VESSELS DOCUMENTED AS FISHING CRAFT, 1962

TONNAGE DISTRIBUTION

Gross tonnage	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
5 - 9. . . .	6	-	28	3	10
10 - 19. . . .	10	1	10	12	26
20 - 29. . . .	3	-	2	5	13
30 - 39. . . .	3	-	1	4	14
40 - 49. . . .	-	1	-	4	3
50 - 59. . . .	-	-	-	4	2
60 - 69. . . .	1	-	-	2	13
70 - 79. . . .	-	1	-	11	24
80 - 89. . . .	-	-	-	-	2
100 - 109. . . .	1	-	-	-	-
110 - 119. . . .	2	-	-	1	-
120 - 129. . . .	-	-	1	-	-
130 - 139. . . .	-	1	-	-	-
210 - 219. . . .	-	-	-	1	1
250 - 259. . . .	-	1	-	-	-
260 - 269. . . .	-	-	-	-	1
480 - 489. . . .	-	-	-	-	2
490 - 499. . . .	1	-	-	-	-
540 - 549. . . .	-	-	1	-	-
Total vessels	27	5	43	47	111
Total gross tonnage . . .	1,226	520	1,066	2,092	5,763
Average . . .	45	104	25	44	52

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
5 - 9. . . .	15	-	-	-	62
10 - 19. . . .	76	2	-	-	137
20 - 29. . . .	10	-	-	-	33
30 - 39. . . .	11	-	-	-	33
40 - 49. . . .	7	-	-	-	15
50 - 59. . . .	3	-	-	-	9
60 - 69. . . .	1	-	-	-	17
70 - 79. . . .	-	-	-	-	36
80 - 89. . . .	1	-	-	-	3
90 - 99. . . .	1	-	-	-	1
100 - 109. . . .	-	-	-	-	1
110 - 119. . . .	-	-	-	-	3
120 - 129. . . .	-	-	-	-	1
130 - 139. . . .	1	-	-	-	2
210 - 219. . . .	-	-	-	-	2
220 - 229. . . .	1	-	-	-	1
230 - 239. . . .	-	1	-	-	1
250 - 259. . . .	-	-	-	-	1
260 - 269. . . .	-	-	-	-	1
340 - 349. . . .	1	-	-	-	1
480 - 489. . . .	-	-	-	-	2
490 - 499. . . .	-	-	-	-	1
540 - 549. . . .	-	-	-	-	1
550 - 559. . . .	1	-	-	-	1
770 - 779. . . .	-	-	-	1	1
850 - 859. . . .	-	-	-	1	1
Total vessels	129	3	-	2	367
Total gross tonnage . . .	3,699	272	-	1,629	16,267
Average . . .	29	91	-	81	44

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1963

TONNAGE DISTRIBUTION

Gross tonnage	New England	Middle Atlantic	Chesa- peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
5 - 9. . . .	4	5	47	4	41
10 - 19. . . .	8	4	13	10	62
20 - 29. . . .	1	1	3	7	19
30 - 39. . . .	-	1	-	3	10
40 - 49. . . .	1	1	-	14	9
50 - 59. . . .	1	-	-	4	6
60 - 69. . . .	-	-	-	3	30
70 - 79. . . .	1	4	-	27	40
80 - 89. . . .	1	-	-	-	11
90 - 99. . . .	-	-	-	-	2
100 - 109. . . .	-	-	-	-	2
110 - 119. . . .	2	-	1	-	-
140 - 149. . . .	-	-	-	-	9
150 - 159. . . .	1	-	-	-	-
160 - 169. . . .	1	-	-	-	-
250 - 259. . . .	-	-	2	-	-
260 - 269. . . .	-	1	-	-	-
290 - 299. . . .	1	-	-	-	-
300 - 309. . . .	-	-	-	-	1
310 - 319. . . .	-	1	-	-	-
450 - 459. . . .	1	-	-	-	-
530 - 539. . . .	-	-	1	-	-
640 - 649. . . .	-	-	-	-	1
Total vessels	23	18	67	72	243
Total gross tonnage . . .	1,713	1,076	1,710	3,454	11,196
Average . . .	74	60	26	48	46

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
5 - 9. . . .	21	1	-	-	123
10 - 19. . . .	80	1	-	-	178
20 - 29. . . .	29	1	-	-	61
30 - 39. . . .	9	-	-	-	23
40 - 49. . . .	9	1	-	-	35
50 - 59. . . .	5	-	-	-	16
60 - 69. . . .	-	-	-	-	33
70 - 79. . . .	1	-	-	-	73
80 - 89. . . .	-	-	-	-	12
90 - 99. . . .	-	-	-	-	2
100 - 109. . . .	1	-	-	-	3
110 - 119. . . .	-	-	-	-	3
140 - 149. . . .	-	-	-	-	9
150 - 159. . . .	-	-	-	-	1
160 - 169. . . .	1	-	-	-	2
220 - 229. . . .	1	-	-	-	1
230 - 239. . . .	-	1	-	-	1
240 - 249. . . .	1	-	-	-	1
250 - 259. . . .	-	-	-	-	2
260 - 269. . . .	-	-	-	-	1
290 - 299. . . .	1	-	-	-	2
300 - 309. . . .	-	-	-	-	1
310 - 319. . . .	-	-	-	-	1
450 - 459. . . .	-	-	-	-	1
530 - 539. . . .	-	-	-	-	1
640 - 649. . . .	-	-	-	-	1
790 - 799. . . .	-	-	-	1	1
800 - 809. . . .	-	-	-	1	1
Total vessels	159	5	-	2	589
Total gross tonnage . . .	3,948	326	-	1,597	25,020
Average . . .	25	65	-	99	[illegible]

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1964

TONNAGE DISTRIBUTION

Gross tonnage	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
5 - 9. . . .	12	-	30	3	12
10 - 19. . . .	9	3	6	3	59
20 - 29. . . .	1	1	2	2	15
30 - 39. . . .	2	-	-	5	7
40 - 49. . . .	-	-	-	4	7
50 - 59. . . .	1	2	-	4	14
60 - 69. . . .	-	1	-	3	29
70 - 79. . . .	1	1	-	15	49
80 - 89. . . .	-	-	-	4	21
90 - 99. . . .	2	-	-	7	3
100 - 109. . . .	1	-	-	-	2
110 - 119. . . .	2	1	-	-	-
130 - 139. . . .	1	-	-	-	-
180 - 189. . . .	1	-	-	-	-
220 - 229. . . .	-	-	-	-	1
310 - 319. . . .	-	-	-	-	1
320 - 329. . . .	-	-	-	-	1
450 - 459. . . .	-	-	1	-	-
520 - 529. . . .	-	1	-	-	-
540 - 549. . . .	-	1	-	-	-
Total vessels	33	11	39	50	221
Total gross tonnage . . .	1,255	1,513	783	3,003	11,301
Average . . .	38	138	20	60	51

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
5 - 9. . . .	16	-	-	-	73
10 - 19. . . .	58	3	2	-	143
20 - 29. . . .	24	-	-	-	45
30 - 39. . . .	17	1	-	-	32
40 - 49. . . .	11	-	-	1	23
50 - 59. . . .	9	-	-	-	30
60 - 69. . . .	1	-	-	-	34
70 - 79. . . .	-	-	-	-	66
80 - 89. . . .	-	-	-	-	25
90 - 99. . . .	1	-	-	-	13
100 - 109. . . .	-	-	-	-	3
110 - 119. . . .	-	-	-	-	3
130 - 139. . . .	-	-	-	-	1
160 - 169. . . .	1	-	-	-	1
180 - 189. . . .	-	-	-	-	1
220 - 229. . . .	-	-	-	-	1
310 - 319. . . .	-	-	-	-	1
320 - 329. . . .	-	-	-	-	1
360 - 369. . . .	1	-	-	-	1
430 - 439. . . .	1	-	-	-	1
450 - 459. . . .	-	-	-	-	1
490 - 499. . . .	1	-	-	-	1
520 - 529. . . .	-	-	-	-	1
540 - 549. . . .	-	-	-	-	1
800 - 809. . . .	-	-	-	1	1
Total vessels	141	4	2	2	503
Total gross tonnage . . .	4,597	77	30	853	23,412
Average . . .	33	19	15	426	46

VESSELS DOCUMENTED AS FISHING CRAFT, 1965

TONNAGE DISTRIBUTION

Gross tonnage	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
5 - 9. . . .	7	2	33	10	51
10 - 19. . . .	9	2	17	10	72
20 - 29. . . .	1	1	3	8	18
30 - 39. . . .	2	1	-	3	8
40 - 49. . . .	-	5	-	5	13
50 - 59. . . .	-	-	-	3	5
60 - 69. . . .	-	-	-	2	21
70 - 79. . . .	2	1	-	2	11
80 - 89. . . .	-	-	-	2	24
90 - 99. . . .	1	1	-	29	60
100 - 109. . . .	-	1	-	2	6
110 - 119. . . .	1	-	-	-	1
120 - 129. . . .	1	-	-	1	-
130 - 139. . . .	2	-	-	-	-
140 - 149. . . .	1	-	-	-	-
150 - 159. . . .	4	-	-	-	-
160 - 169. . . .	2	-	-	-	1
170 - 179. . . .	4	-	-	-	-
190 - 199. . . .	1	-	-	-	-
360 - 369. . . .	-	-	-	-	2
510 - 519. . . .	-	-	-	-	2
520 - 529. . . .	-	-	-	-	3
550 - 559. . . .	-	-	-	-	1
570 - 579. . . .	-	-	1	-	-
580 - 589. . . .	-	-	1	-	-
590 - 599. . . .	-	-	1	-	-
Total vessels	38	14	56	77	299
Total gross tonnage . . .	3,007	598	2,283	4,500	17,723
Average . . .	79	43	41	58	59

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
5 - 9. . . .	30	-	-	-	133
10 - 19. . . .	76	1	-	1	188
20 - 29. . . .	23	1	-	-	55
30 - 39. . . .	6	-	-	-	20
40 - 49. . . .	11	-	-	-	34
50 - 59. . . .	7	-	-	-	15
60 - 69. . . .	4	-	-	-	27
70 - 79. . . .	3	-	-	-	19
80 - 89. . . .	-	-	-	-	26
90 - 99. . . .	1	-	-	-	92
100 - 109. . . .	-	-	-	-	9
110 - 119. . . .	-	-	-	-	2
120 - 129. . . .	-	-	-	-	2
130 - 139. . . .	1	-	-	-	3
140 - 149. . . .	-	-	-	-	1
150 - 159. . . .	-	-	-	-	4
160 - 169. . . .	-	-	-	-	3
170 - 179. . . .	-	-	-	-	4
180 - 189. . . .	1	-	-	-	1
190 - 199. . . .	1	-	-	-	2

(Continued on next page)

VESSELS DOCUMENTED AS FISHING CRAFT, 1965 - Continued

TONNAGE DISTRIBUTION

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
210 - 219. . . .	1	1	-	-	2
260 - 269. . . .	1	-	-	-	1
270 - 279. . . .	1	-	-	-	1
300 - 309. . . .	1	-	-	-	1
310 - 319. . . .	1	-	-	-	1
320 - 329. . . .	1	-	-	-	1
330 - 339. . . .	1	-	-	-	1
360 - 369. . . .	-	-	-	-	2
420 - 429. . . .	1	-	-	-	1
430 - 439. . . .	1	-	-	-	1
510 - 519. . . .	-	-	-	-	2
520 - 529. . . .	-	-	-	-	3
550 - 559. . . .	-	-	-	-	1
570 - 579. . . .	-	-	-	-	1
580 - 589. . . .	-	-	-	-	1
590 - 599. . . .	1	-	-	-	2
720 - 729. . . .	1	-	-	-	1
Total vessels	175	3	-	1	663
Total gross tonnage . . .	8,099	252	-	12	36,474
Average . . .	46	84	-	12	55

VESSELS DOCUMENTED AS FISHING CRAFT, 1966

TONNAGE DISTRIBUTION

Gross tonnage	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
5 - 9. . . .	4	1	68	3	37
10 - 19. . . .	11	3	24	13	71
20 - 29. . . .	2	2	2	3	25
30 - 39. . . .	1	2	1	2	12
40 - 49. . . .	-	7	-	6	13
50 - 59. . . .	-	1	-	7	10
60 - 69. . . .	-	-	-	4	33
70 - 79. . . .	2	-	-	7	13
80 - 89. . . .	3	1	-	1	35
90 - 99. . . .	-	4	-	26	79
100 - 109. . . .	1	-	-	1	11
110 - 119. . . .	-	1	-	1	8
120 - 129. . . .	-	-	-	2	9
130 - 139. . . .	3	-	-	1	3
140 - 149. . . .	1	-	-	-	1
150 - 159. . . .	1	-	-	-	-
160 - 169. . . .	1	-	-	-	-
180 - 189. . . .	1	-	-	-	-
190 - 199. . . .	1	-	-	-	1
230 - 239. . . .	-	1	-	-	-
260 - 269. . . .	-	-	1	-	-
270 - 279. . . .	1	-	-	-	-
360 - 369. . . .	-	-	-	-	1

(Continued on next page)

VESSELS DOCUMENTED AS FISHING CRAFT, 1966 - Continued

TONNAGE DISTRIBUTION

Gross tonnage	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
380 - 389. . . .	-	-	-	-	1
440 - 449. . . .	2	-	-	-	-
530 - 539. . . .	-	-	-	-	2
600 - 609. . . .	-	-	-	-	8
750 - 759. . . .	-	-	1	-	-
Total vessels	35	23	97	77	373
Total gross tonnage . . .	3,156	1,389	1,858	4,978	27,800
Average . . .	90	60	19	65	74

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
5 - 9. . . .	49	-	-	-	162
10 - 19. . . .	91	4	2	-	219
20 - 29. . . .	21	-	-	-	55
30 - 39. . . .	10	-	-	-	28
40 - 49. . . .	8	-	-	-	34
50 - 59. . . .	7	-	-	-	25
60 - 69. . . .	2	-	-	-	39
70 - 79. . . .	2	-	-	-	24
80 - 89. . . .	-	-	-	-	40
90 - 99. . . .	1	-	-	-	110
100 - 109. . . .	-	-	-	-	13
110 - 119. . . .	-	-	-	-	10
120 - 129. . . .	-	-	-	-	11
130 - 139. . . .	1	-	-	-	8
140 - 149. . . .	2	1	-	-	5
150 - 159. . . .	-	-	-	-	1
160 - 169. . . .	1	1	-	-	3
170 - 179. . . .	2	-	-	-	2
180 - 189. . . .	-	-	-	-	1
190 - 199. . . .	1	-	-	-	3
230 - 239. . . .	-	-	-	-	1
260 - 269. . . .	1	-	-	-	2
270 - 279. . . .	-	-	-	-	1
290 - 299. . . .	1	-	-	-	1
340 - 349. . . .	1	-	-	-	1
360 - 369. . . .	-	-	-	-	1
380 - 389. . . .	-	-	-	1	2
440 - 449. . . .	-	-	-	-	2
530 - 539. . . .	-	-	-	-	2
600 - 609. . . .	-	-	-	-	8
730 - 739. . . .	1	-	-	-	1
750 - 759. . . .	-	-	-	-	1
Total vessels	202	6	2	1	816
Total gross tonnage . . .	6,239	361	27	386	46,194
Average . . .	31	60	14	386	57

VESSELS DOCUMENTED AS FISHING CRAFT, 1957

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	-	-	-	3	3
30 - 39. . . .	12	5	88	20	26
40 - 49. . . .	3	3	14	28	35
50 - 59. . . .	2	3	1	48	66
60 - 69. . . .	2	8	1	20	46
70 - 79. . . .	-	2	-	1	3
80 - 89. . . .	1	-	-	-	-
100 - 109. . . .	-	-	-	2	3
110 - 119. . . .	-	1	-	-	-
120 - 129. . . .	-	-	1	1	1
130 - 139. . . .	-	-	-	-	1
190 - 199. . . .	-	1	-	-	1
Total vessels	20	23	104	123	185
Total length.	860	1,429	3,930	6,254	10,014
Average . . .	43	62	38	50	54

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	21	1	-	-	28
30 - 39. . . .	97	4	1	1	254
40 - 49. . . .	30	-	-	-	113
50 - 59. . . .	1	-	-	-	121
60 - 69. . . .	1	-	-	-	78
70 - 79. . . .	1	-	-	-	7
80 - 89. . . .	2	-	-	-	3
100 - 109. . . .	-	-	-	-	5
110 - 119. . . .	1	-	-	-	2
120 - 129. . . .	1	-	-	-	4
130 - 139. . . .	-	-	-	-	1
150 - 159. . . .	1	-	-	-	1
190 - 199. . . .	-	-	-	-	2
Total vessels	156	6	1	1	619
Total length.	5,944	220	31	37	28,719
Average . . .	38	37	31	37	46

VESSELS DOCUMENTED AS FISHING CRAFT, 1958

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	1	-	-	2	2
30 - 39. . . .	6	3	79	20	39
40 - 49. . . .	2	5	16	28	56
50 - 59. . . .	1	-	1	53	112
60 - 69. . . .	-	-	-	31	71
70 - 79. . . .	2	-	-	-	-

(Continued on next page)

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1958 - Continued

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
80 - 89. . . .	2	-	-	-	1
100 - 109. . . .	-	1	-	-	-
120 - 129. . . .	-	-	1	-	-
130 - 139. . . .	-	-	-	-	1
140 - 149. . . .	-	1	-	-	-
190 - 199. . . .	-	1	-	-	-
Total vessels	14	11	97	134	282
Total length.	682	774	3,684	6,747	14,613
Average . . .	48	70	38	50	52

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	30	2	-	-	37
30 - 39. . . .	96	6	-	1	250
40 - 49. . . .	27	2	-	-	136
50 - 59. . . .	4	-	-	-	171
60 - 69. . . .	1	-	-	-	103
70 - 79. . . .	-	-	1	-	3
80 - 89. . . .	-	-	-	-	3
90 - 99. . . .	1	-	-	-	1
100 - 109. . . .	1	-	-	-	2
110 - 119. . . .	3	-	-	-	3
120 - 129. . . .	-	-	-	-	1
130 - 139. . . .	-	-	-	-	1
140 - 149. . . .	-	-	-	-	1
190 - 199. . . .	-	-	-	-	1
Total vessels	163	10	1	1	713
Total length.	6,154	352	72	30	33,108
Average . . .	38	35	72	30	46

VESSELS DOCUMENTED AS FISHING CRAFT, 1959

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	-	1	- -	2	4
30 - 39. . . .	6	7	86	19	34
40 - 49. . . .	3	1	14	24	35
50 - 59. . . .	-	1	-	22	44
60 - 69. . . .	4	1	-	10	28
70 - 79. . . .	2	-	-	-	-
90 - 99. . . .	-	-	1	-	-
110 - 119. . . .	-	1	-	-	-
120 - 129. . . .	-	-	1	-	-
130 - 139. . . .	-	-	-	-	1

(Continued on next page)

VESSELS DOCUMENTED AS FISHING CRAFT, 1959 - Continued

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
140 - 149. . . .	-	-	1	-	-
170 - 179. . . .	-	-	1	-	-
Total vessels	15	12	104	77	146
Total length.	740	554	4,214	3,604	7,098
Average . . .	49	46	41	47	49

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	28	1	-	-	36
30 - 39. . . .	83	5	-	-	240
40 - 49. . . .	28	1	1	-	107
50 - 59. . . .	2	-	-	-	69
60 - 69. . . .	-	-	-	-	43
70 - 79. . . .	-	-	-	-	2
90 - 99. . . .	-	-	-	-	1
100 - 109. . . .	1	-	-	-	1
110 - 119. . . .	1	-	-	-	2
120 - 129. . . .	1	-	-	-	2
130 - 139. . . .	1	-	-	-	2
140 - 149. . . .	-	-	-	-	1
170 - 179. . . .	-	-	-	-	1
Total vessels	145	7	1	-	507
Total length.	5,421	248	44	-	21,923
Average . . .	37	35	44	-	43

VESSELS DOCUMENTED AS FISHING CRAFT, 1960

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	6	2	2	1	1
30 - 39. . . .	20	5	70	21	33
40 - 49. . . .	3	5	8	10	13
50 - 59. . . .	1	3	-	8	24
60 - 69. . . .	4	2	1	5	8
70 - 79. . . .	-	1	-	1	-
100 - 109. . . .	-	-	1	-	-
110 - 119. . . .	-	-	-	1	2
140 - 149. . . .	1	-	-	1	-
150 - 159. . . .	-	-	-	-	6
Total vessels	35	18	82	48	87
Total length.	1,441	815	3,050	2,258	4,725
Average . . .	41	45	37	47	54

(Continued on next page)

VESSELS DOCUMENTED AS FISHING CRAFT, 1960 - Continued

LENGTH DISTRIBUTION

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	41	4	-	-	57
30 - 39. . . .	83	11	-	-	243
40 - 49. . . .	25	3	-	-	67
50 - 59. . . .	4	-	-	-	40
60 - 69. . . .	1	-	-	-	21
70 - 79. . . .	-	-	-	-	2
80 - 89. . . .	1	-	-	-	1
90 - 99. . . .	2	-	-	-	2
100 - 109. . . .	-	-	-	-	1
110 - 119. . . .	1	-	-	-	4
140 - 149. . . .	-	-	-	-	2
150 - 159. . . .	3	-	-	-	9
Total vessels	161	18	-	-	449
Total length.	6,178	615	-	-	19,082
Average . . .	38	34	-	-	42

VESSELS DOCUMENTED AS FISHING CRAFT, 1961

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	8	-	-	2	2
30 - 39. . . .	13	6	65	13	30
40 - 49. . . .	3	1	9	13	30
50 - 59. . . .	-	-	1	6	18
60 - 69. . . .	7	-	-	12	20
70 - 79. . . .	1	2	-	1	-
120 - 129. . . .	-	2	-	-	-
140 - 149. . . .	-	1	-	-	-
Total vessels	32	12	75	47	100
Total length.	1,330	791	2,746	2,254	4,688
Average . . .	42	66	37	48	447

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	52	2	-	1	67
30 - 39. . . .	45	10	-	1	183
40 - 49. . . .	29	-	-	-	85
50 - 59. . . .	3	-	-	-	28
60 - 69. . . .	3	-	-	-	42
70 - 79. . . .	1	-	-	-	5
80 - 89. . . .	2	-	-	-	2
100 - 109. . . .	1	-	-	-	1
120 - 129. . . .	2	-	-	-	4
130 - 139. . . .	1	-	-	-	1

(Continued on next page)

VESSELS DOCUMENTED AS FISHING CRAFT, 1961 - Continued

LENGTH DISTRIBUTION

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
140 - 149. . . .	-	-	-	-	1
150 - 159. . . .	2	-	-	-	2
160 - 169. . . .	4	-	-	-	4
170 - 179. . . .	2	-	-	-	2
Total vessels	147	12	-	2	427
Total length.	6,707	377	-	63	18,956
Average . . .	46	31	-	32	44

VESSELS DOCUMENTED AS FISHING CRAFT, 1962

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	4	-	1	-	4
30 - 39. . . .	12	-	33	13	24
40 - 49. . . .	4	1	6	11	29
50 - 59. . . .	2	-	1	8	11
60 - 69. . . .	2	2	-	14	38
70 - 79. . . .	2	-	-	-	1
100 - 109. . . .	-	1	1	1	1
120 - 129. . . .	-	1	-	-	-
150 - 159. . . .	-	-	-	-	1
160 - 169. . . .	-	-	1	-	2
190 - 199. . . .	1	-	-	-	-
Total vessels	27	5	43	47	111
Total length.	1,303	397	1,816	2,379	5,928
Average . . .	48	79	42	51	53

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	23	-	-	-	32
30 - 39. . . .	71	2	-	-	155
40 - 49. . . .	27	-	-	-	78
50 - 59. . . .	2	-	-	-	24
60 - 69. . . .	-	-	-	-	56
70 - 79. . . .	2	-	-	-	5
100 - 109. . . .	1	-	-	-	5
110 - 119. . . .	-	1	-	-	1
120 - 129. . . .	-	-	-	-	1
130 - 139. . . .	1	-	-	-	1
150 - 159. . . .	1	-	-	1	3
160 - 169. . . .	1	-	-	-	4
180 - 189. . . .	-	-	-	1	1
190 - 199. . . .	-	-	-	-	1
Total vessels	129	3	-	2	367
Total length.	5,085	190	-	333	17,431
Average . . .	39	63	-	166	47

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1963

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	2	2	1	1	17
30 - 39. . . .	9	5	51	14	72
40 - 49. . . .	2	2	11	10	38
50 - 59. . . .	2	3	-	15	20
60 - 69. . . .	1	4	-	31	83
70 - 79. . . .	3	-	1	1	9
80 - 89. . . .	2	-	-	-	1
100 - 109. . . .	-	-	-	-	1
120 - 129. . . .	-	1	2	-	-
130 - 139. . . .	1	-	-	-	1
140 - 149. . . .	1	1	-	-	-
160 - 169. . . .	-	-	1	-	-
170 - 179. . . .	-	-	-	-	1
Total vessels	23	18	67	72	243
Total length.	1,306	1,025	2,779	3,851	12,082
Average . . .	57	57	41	53	50

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	32	1	-	-	56
30 - 39. . . .	79	1	-	-	231
40 - 49. . . .	39	2	-	-	104
50 - 59. . . .	3	-	-	-	43
60 - 69. . . .	1	-	-	-	120
70 - 79. . . .	-	-	-	-	14
80 - 89. . . .	1	-	-	-	4
90 - 99. . . .	1	-	-	-	1
100 - 109. . . .	-	-	-	-	1
110 - 119. . . .	-	1	-	-	1
120 - 129. . . .	2	-	-	-	5
130 - 139. . . .	-	-	-	-	2
140 - 149. . . .	-	-	-	-	2
150 - 159. . . .	-	-	-	1	1
160 - 169. . . .	-	-	-	-	1
170 - 179. . . .	1	-	-	1	3
Total vessels	159	5	-	2	589
Total length.	6,195	265	-	325	27,828
Average . . .	39	53	-	163	47

VESSELS DOCUMENTED AS FISHING CRAFT, 1964

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	7	-	1	2	9
30 - 39. . . .	13	1	32	2	55

(Continued on next page)

VESSELS DOCUMENTED AS FISHING CRAFT, 1964 - Continued

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
40 - 49. . . .	4	2	5	8	26
50 - 59. . . .	2	1	-	6	23
60 - 69. . . .	-	4	-	32	105
70 - 79. . . .	5	1	-	-	-
80 - 89. . . .	1	-	-	-	-
100 - 109. . . .	1	-	-	-	-
110 - 119. . . .	-	-	-	-	1
130 - 139. . . .	-	-	-	-	2
150 - 159. . . .	-	-	1	-	-
160 - 169. . . .	-	2	-	-	-
Total vessels	33	11	39	50	221
Total length.	1,466	829	1,510	2,896	11,661
Average . . .	44	75	39	58	53

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	29	1	-	-	49
30 - 39. . . .	56	3	1	-	163
40 - 49. . . .	48	-	1	-	94
50 - 59. . . .	2	-	-	-	34
60 - 69. . . .	2	-	-	1	144
70 - 79. . . .	-	-	-	-	6
80 - 89. . . .	1	-	-	-	2
100 - 109. . . .	-	-	-	-	1
110 - 119. . . .	-	-	-	-	1
120 - 129. . . .	1	-	-	-	1
130 - 139. . . .	-	-	-	-	2
140 - 149. . . .	1	-	-	-	1
150 - 159. . . .	1	-	-	1	3
160 - 169. . . .	-	-	-	-	2
Total vessels	141	4	2	2	503
Total length.	5,629	128	75	214	24,408
Average . . .	40	32	38	107	48

VESSELS DOCUMENTED AS FISHING CRAFT, 1965

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	3	-	1	5	19
30 - 39. . . .	11	4	41	18	97
40 - 49. . . .	5	1	11	6	31
50 - 59. . . .	-	5	-	11	23
60 - 69. . . .	2	3	-	35	117
70 - 79. . . .	3	1	-	1	2

(Continued on next page)

VESSELS DOCUMENTED AS FISHING CRAFT, 1965 - Continued

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
80 - 89. . . .	7	-	-	-	1
90 - 99. . . .	6	-	-	1	1
100 - 109. . . .	1	-	-	-	-
130 - 139. . . .	-	-	-	-	2
160 - 169. . . .	-	-	1	-	6
200 - 209. . . .	-	-	2	-	-
Total vessels	38	14	56	77	299
Total length.	2,280	715	2,523	4,129	15,711
Average . . .	60	51	45	54	52

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	42	-	-	-	70
30 - 39. . . .	70	1	-	1	243
40 - 49. . . .	37	-	-	-	91
50 - 59. . . .	6	1	-	-	46
60 - 69. . . .	6	-	-	-	163
70 - 79. . . .	1	-	-	-	8
80 - 89. . . .	1	-	-	-	9
90 - 99. . . .	1	-	-	-	9
100 - 109. . . .	1	-	-	-	2
110 - 119. . . .	3	1	-	-	4
120 - 129. . . .	2	-	-	-	2
130 - 139. . . .	2	-	-	-	4
150 - 159. . . .	2	-	-	-	2
160 - 169. . . .	1	-	-	-	8
200 - 209. . . .	-	-	-	-	2
Total vessels	175	3	-	1	663
Total length.	7,583	204	-	37	33,182
Average . . .	43	68	-	37	50

VESSELS DOCUMENTED AS FISHING CRAFT, 1966

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	3	1	6	2	17
30 - 39. . . .	13	2	77	14	88
40 - 49. . . .	1	3	11	4	40
50 - 59. . . .	1	9	1	13	31
60 - 69. . . .	6	5	-	37	152
70 - 79. . . .	2	2	-	6	32
80 - 89. . . .	3	-	-	1	1
90 - 99. . . .	1	-	-	-	-
100 - 109. . . .	2	-	-	-	-

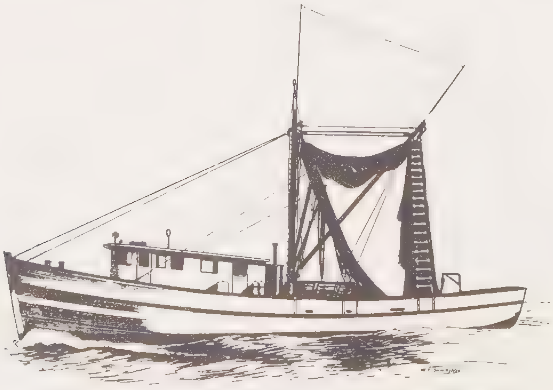
(Continued on next page)

VESSELS DOCUMENTED AS FISHING CRAFT, 1966 - Continued

LENGTH DISTRIBUTION

Length	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
110 - 119. . . .	1	-	-	-	-
120 - 129. . . .	-	1	1	-	-
130 - 139. . . .	2	-	-	-	1
140 - 149. . . .	-	-	-	-	1
160 - 169. . . .	-	-	-	-	10
170 - 179. . . .	-	-	1	-	-
Total vessels	35	23	97	77	373
Total length.	2,123	1,311	3,706	4,346	21,166
Average . . .	60	57	38	56	57

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	71	2	-	-	102
30 - 39. . . .	69	2	1	-	266
40 - 49. . . .	39	-	1	-	99
50 - 59. . . .	10	-	-	-	65
60 - 69. . . .	2	-	-	-	202
70 - 79. . . .	1	-	-	-	43
80 - 89. . . .	6	2	-	-	13
90 - 99. . . .	-	-	-	-	1
100 - 109. . . .	1	-	-	1	4
110 - 119. . . .	-	-	-	-	1
120 - 129. . . .	2	-	-	-	4
130 - 139. . . .	1	-	-	-	4
140 - 149. . . .	-	-	-	-	1
160 - 169. . . .	-	-	-	-	10
170 - 179. . . .	-	-	-	-	1
Total vessels	202	6	2	1	816
Total length.	7,713	291	83	108	40,847
Average . . .	38	48	42	108	50



SHRIMP TRAWLER

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1957

HORSEPOWER DISTRIBUTION

Horsepower	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
Under 50.	-	-	-	-	4
50 - 99 . . .	6	-	15	12	13
100 - 149 . . .	5	2	56	25	35
150 - 199 . . .	5	9	16	67	102
200 - 249 . . .	2	8	10	14	8
250 - 299 . . .	-	-	5	-	6
300 - 349 . . .	1	-	1	1	9
400 - 449 . . .	-	-	-	-	1
450 - 499 . . .	1	2	-	1	1
500 - 599 . . .	-	-	-	1	-
700 - 799 . . .	-	-	-	1	-
900 - 999 . . .	-	1	-	1	-
1000 - 1099 . . .	-	-	1	-	2
1100 - 1199 . . .	-	-	-	-	2
1200 - 1299 . . .	-	1	-	-	2
Total vessels	20	23	104	123	185
Total power .	3,104	6,495	15,309	21,040	35,077
Average . . .	155	282	147	171	190

Horsepower	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
Under 50.	7	-	-	-	11
50 - 99 . . .	29	2	-	-	77
100 - 149 . . .	51	-	1	1	176
150 - 199 . . .	32	1	-	-	232
200 - 249 . . .	25	2	-	-	69
250 - 299 . . .	5	-	-	-	16
300 - 349 . . .	3	1	-	-	16
400 - 449 . . .	1	-	-	-	2
450 - 499 . . .	-	-	-	-	5
500 - 599 . . .	-	-	-	-	1
700 - 799 . . .	-	-	-	-	1
900 - 999 . . .	1	-	-	-	3
1000 - 1099 . . .	1	-	-	-	4
1100 - 1199 . . .	-	-	-	-	2
1200 - 1299 . . .	-	-	-	-	3
1500 and over . .	1	-	-	-	1
Total vessels	156	6	1	1	619
Total power .	25,582	1,106	130	115	107,958
Average . . .	164	184	130	115	174

VESSELS DOCUMENTED AS FISHING CRAFT, 1958

HORSEPOWER DISTRIBUTION

Horsepower	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
Under 50.	-	-	3	-	-
50 - 99 . . .	3	3	14	9	18
100 - 149 . . .	3	2	52	36	50
150 - 199 . . .	3	1	12	62	165
200 - 249 . . .	1	1	11	22	28
250 - 299 . . .	-	1	2	2	5
300 - 349 . . .	-	-	2	2	13
350 - 399 . . .	1	-	-	-	1
450 - 499 . . .	3	-	-	1	-
500 - 599 . . .	-	1	-	-	1
600 - 699 . . .	-	1	-	-	-
1000 - 1099 . . .	-	-	1	-	-
1200 - 1299 . . .	-	1	-	-	1
Total vessels	14	11	97	134	282
Total power .	3,053	3,506	14,226	21,401	47,037
Average . . .	218	319	147	160	167

Horsepower	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
Under 50.	5	-	-	1	9
50 - 99 . . .	32	3	-	-	82
100 - 149 . . .	60	3	-	-	206
150 - 199 . . .	39	3	-	-	285
200 - 249 . . .	17	1	1	-	82
250 - 299 . . .	3	-	-	-	13
300 - 349 . . .	3	-	-	-	20
350 - 399 . . .	-	-	-	-	2
450 - 499 . . .	-	-	-	-	4
500 - 599 . . .	-	-	-	-	2
600 - 699 . . .	-	-	-	-	1
900 - 999 . . .	3	-	-	-	3
1000 - 1099 . . .	-	-	-	-	1
1200 - 1299 . . .	-	-	-	-	2
1500 and over . .	1	-	-	-	1
Total vessels	163	10	1	1	713
Total power .	27,486	1,310	200	sail	118,219
Average . . .	169	131	200	-	166

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1959

HORSEPOWER DISTRIBUTION

Horsepower	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
Under 50.	-	-	3	-	5
50 - 99 . . .	3	2	17	5	13
100 - 149 . . .	1	3	44	14	26
150 - 199 . . .	4	4	16	45	74
200 - 249 . . .	3	1	11	9	20
250 - 299 . . .	1	-	5	2	1
300 - 349 . . .	2	-	2	-	6
350 - 399 . . .	-	1	-	1	-
400 - 449 . . .	-	-	2	-	-
450 - 499 . . .	-	-	2	-	-
500 - 599 . . .	1	-	-	-	-
800 - 899 . . .	-	-	-	-	1
900 - 999 . . .	-	1	-	1	-
1000 - 1099 . . .	-	-	1	-	-
1200 - 1299 . . .	-	-	1	-	-
Total vessels	15	12	104	77	146
Total power .	3,133	2,785	17,803	13,192	23,699
Average . . .	209	232	171	171	162

Horsepower	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
Under 50.	6	-	-	-	14
50 - 99 . . .	24	2	-	-	66
100 - 149 . . .	48	2	-	-	138
150 - 199 . . .	37	1	-	-	181
200 - 249 . . .	22	1	1	-	68
250 - 299 . . .	2	1	-	-	12
300 - 349 . . .	2	-	-	-	12
350 - 399 . . .	-	-	-	-	2
400 - 449 . . .	-	-	-	-	2
450 - 499 . . .	-	-	-	-	2
500 - 599 . . .	1	-	-	-	2
800 - 899 . . .	1	-	-	-	2
900 - 999 . . .	1	-	-	-	3
1000 - 1099 . . .	1	-	-	-	2
1200 - 1299 . . .	-	-	-	-	1
Total vessels	145	7	1	-	507
Total power .	23,366	1,007	225	-	85,210
Average . . .	161	144	225	-	168

VESSELS DOCUMENTED AS FISHING CRAFT, 1960

HORSEPOWER DISTRIBUTION

Horsepower	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
Under 50.	3	-	2	-	3
50 - 99 . . .	11	2	9	3	16
100 - 149 . . .	11	2	35	9	15
150 - 199 . . .	5	7	12	21	37
200 - 249 . . .	-	2	9	8	4
250 - 299 . . .	1	2	8	1	1
300 - 349 . . .	3	-	5	1	3
350 - 399 . . .	-	-	-	1	-
400 - 449 . . .	-	1	-	1	-
450 - 499 . . .	-	1	1	1	-
500 - 599 . . .	-	-	-	1	-
600 - 699 . . .	-	1	1	-	2
900 - 999 . . .	-	-	-	-	6
1000 - 1099 . . .	1	-	-	-	-
1200 - 1299 . . .	-	-	-	1	-
Total vessels	35	18	82	48	87
Total power .	5,364	4,191	13,803	10,129	18,038
Average . . .	153	233	168	211	207

Horsepower	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
Under 50.	7	-	-	-	15
50 - 99 . . .	29	2	-	-	72
100 - 149 . . .	54	9	-	-	135
150 - 199 . . .	45	6	-	-	133
200 - 249 . . .	14	-	-	-	37
250 - 299 . . .	3	1	-	-	17
300 - 349 . . .	3	-	-	-	15
350 - 399 . . .	-	-	-	-	1
400 - 449 . . .	1	-	-	-	3
450 - 499 . . .	1	-	-	-	4
500 - 599 . . .	-	-	-	-	1
600 - 699 . . .	-	-	-	-	4
800 - 899 . . .	1	-	-	-	1
900 - 999 . . .	-	-	-	-	6
1000 - 1099 . . .	-	-	-	-	1
1200 - 1299 . . .	-	-	-	-	1
1500 and over . .	3	-	-	-	3
Total vessels	161	18	-	-	449
Total power .	28,309	2,443	-	-	82,277
Average . . .	176	136	-	-	183

HISTORICAL FISHERY STATISTICS
VESSELS DOCUMENTED AS FISHING CRAFT, 1961

HORSEPOWER DISTRIBUTION

Horsepower	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
Under 50.	1	1	1	-	4
50 - 99 . . .	4	-	6	1	9
100 - 149 . . .	10	2	36	6	21
150 - 199 . . .	4	1	13	20	51
200 - 249 . . .	4	1	8	14	7
250 - 299 . . .	3	-	7	2	4
300 - 349 . . .	3	2	3	1	3
350 - 399 . . .	1	-	1	-	-
400 - 449 . . .	2	-	-	-	-
450 - 499 . . .	-	1	-	-	-
500 - 599 . . .	-	-	-	2	1
600 - 699 . . .	-	2	-	1	-
1000 - 1099 . . .	-	2	-	-	-
Total vessels	32	12	75	47	100
Total power .	6,178	5,046	12,066	9,798	15,776
Average . . .	193	421	161	208	158

Horsepower	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
Under 50.	7	-	-	-	14
50 - 99 . . .	28	4	-	1	53
100 - 149 . . .	19	5	-	1	100
150 - 199 . . .	35	1	-	-	125
200 - 249 . . .	31	1	-	-	66
250 - 299 . . .	5	-	-	-	21
300 - 349 . . .	8	-	-	-	20
350 - 399 . . .	-	-	-	-	2
400 - 449 . . .	-	-	-	-	2
450 - 499 . . .	3	-	-	-	4
500 - 599 . . .	-	1	-	-	4
600 - 699 . . .	3	-	-	-	6
1000 - 1099 . . .	4	-	-	-	6
1300 - 1399 . . .	1	-	-	-	1
1500 and over . .	3	-	-	-	3
Total vessels	147	12	-	2	427
Total power .	34,663	1,929	-	187	85,643
Average . . .	236	161	-	94	201

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1962

HORSEPOWER DISTRIBUTION

Horsepower	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
Under 50.	-	-	1	-	-
50 - 99 . . .	3	-	5	2	6
100 - 149 . . .	6	-	12	9	18
150 - 199 . . .	5	1	7	13	48
200 - 249 . . .	4	-	12	17	28
250 - 299 . . .	1	-	2	3	2
300 - 349 . . .	3	1	1	-	4
350 - 399 . . .	1	1	-	-	1
400 - 449 . . .	1	-	1	-	-
450 - 499 . . .	1	1	-	-	-
500 - 599 . . .	1	-	1	2	-
700 - 799 . . .	1	-	-	1	1
900 - 999 . . .	-	-	-	-	1
1000 - 1099 . . .	-	1	1	-	2
Total vessels	27	5	43	47	111
Total power .	6,452	2,285	8,500	9,544	22,296
Average . . .	239	457	198	203	201

Horsepower	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
Under 50.	3	-	-	-	4
50 - 99 . . .	22	1	-	-	39
100 - 149 . . .	39	-	-	-	84
150 - 199 . . .	40	1	-	-	115
200 - 249 . . .	14	-	-	-	75
250 - 299 . . .	4	-	-	-	12
300 - 349 . . .	1	-	-	-	10
350 - 399 . . .	3	-	-	-	6
400 - 449 . . .	-	-	-	-	2
450 - 499 . . .	-	-	-	-	2
500 - 599 . . .	-	-	-	-	4
700 - 799 . . .	-	-	-	-	3
800 - 899 . . .	-	1	-	-	1
900 - 999 . . .	1	-	-	-	2
1000 - 1099 . . .	1	-	-	-	5
1400 - 1499 . . .	-	-	-	1	1
1500 and over . .	1	-	-	1	2
Total vessels	129	3	-	2	367
Total power .	22,521	1,004	-	3,050	75,652
Average . . .	175	335	-	1,525	206

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1963

HORSEPOWER DISTRIBUTION

Horsepower	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
Under 50.	-	2	2	3	3
50 - 99 . . .	2	1	1	3	31
100 - 149 . . .	5	1	30	4	55
150 - 199 . . .	3	2	6	21	64
200 - 249 . . .	3	6	12	24	60
250 - 299 . . .	-	1	4	1	5
300 - 349 . . .	1	3	5	15	11
350 - 399 . . .	3	-	-	-	8
400 - 449 . . .	-	-	2	-	1
450 - 499 . . .	-	-	2	-	3
500 - 599 . . .	2	-	-	-	-
600 - 699 . . .	1	-	-	1	-
700 - 799 . . .	2	1	-	-	-
900 - 999 . . .	-	-	-	-	1
1000 - 1099 . . .	1	1	2	-	-
1100 - 1199 . . .	-	-	1	-	1
Total vessels	23	18	67	72	243
Total power	7,545	4,877	15,110	15,018	44,090
Average . . .	328	271	226	208	181

Horsepower	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
Under 50.	6	1	-	-	17
50 - 99 . . .	19	-	-	-	57
100 - 149 . . .	48	3	-	-	146
150 - 199 . . .	44	-	-	-	140
200 - 249 . . .	15	-	-	-	120
250 - 299 . . .	11	-	-	-	22
300 - 349 . . .	7	-	-	-	42
350 - 399 . . .	1	-	-	-	12
400 - 449 . . .	2	-	-	-	5
450 - 499 . . .	2	-	-	-	7
500 - 599 . . .	-	-	-	-	2
600 - 699 . . .	-	-	-	-	2
700 - 799 . . .	1	-	-	-	4
800 - 899 . . .	-	1	-	-	1
900 - 999 . . .	-	-	-	-	1
1000 - 1099 . . .	2	-	-	-	6
1100 - 1199 . . .	-	-	-	-	2
1300 - 1399 . . .	1	-	-	-	1
1500 and over . .	-	-	-	1	1
Total vessels	159	5	-	1	588
Total power .	29,624	1,200	-	1,600	119,064
Average . . .	186	240	-	1,600	202

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1964

HORSEPOWER DISTRIBUTION

Horsepower	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
Under 50.	-	-	2	-	2
50 - 99 . . .	3	-	3	2	14
100 - 149 . . .	8	1	16	3	35
150 - 199 . . .	3	2	9	10	59
200 - 249 . . .	7	1	6	8	57
250 - 299 . . .	1	1	-	1	6
300 - 349 . . .	3	-	1	26	42
350 - 399 . . .	4	1	-	-	2
400 - 449 . . .	2	1	1	-	1
500 - 599 . . .	1	1	-	-	-
600 - 699 . . .	-	-	-	-	1
700 - 799 . . .	1	-	-	-	-
800 - 899 . . .	-	1	-	-	-
900 - 999 . . .	-	1	-	-	1
1000 - 1099 . . .	-	1	-	-	-
1300 - 1399 . . .	-	-	-	-	1
1500 and over . .	-	-	1	-	-
Total vessels	33	11	39	50	221
Total power .	8,165	4,998	7,319	12,218	46,497
Average . . .	247	454	188	244	210

Horsepower	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
Under 50.	5	1	-	-	10
50 - 99 . . .	9	1	-	-	32
100 - 149 . . .	39	1	1	-	104
150 - 199 . . .	43	1	-	-	127
200 - 249 . . .	19	-	1	1	100
250 - 299 . . .	9	-	-	-	18
300 - 349 . . .	11	-	-	-	83
350 - 399 . . .	-	-	-	-	7
400 - 499 . . .	2	-	-	-	7
500 - 599 . . .	1	-	-	-	3
600 - 699 . . .	1	-	-	-	2
700 - 799 . . .	-	-	-	-	1
800 - 899 . . .	-	-	-	-	1
900 - 999 . . .	-	-	-	-	2
1000 - 1099 . . .	1	-	-	-	2
1300 - 1399 . . .	-	-	-	-	1
1500 and over . .	1	-	-	1	3
Total vessels	141	4	2	2	503
Total power .	27,736	415	330	1,800	97,260
Average . . .	197	104	165	900	193

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1965

HORSEPOWER DISTRIBUTION

Horsepower	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
Under 50.	-	-	2	-	1
50 - 99 . . .	3	1	3	4	36
100 - 149 . . .	7	1	16	8	56
150 - 199 . . .	-	7	8	13	61
200 - 249 . . .	4	1	10	11	52
250 - 299 . . .	2	-	7	2	5
300 - 349 . . .	4	2	1	32	68
350 - 399 . . .	-	-	4	3	3
400 - 449 . . .	8	-	-	2	1
450 - 499 . . .	1	2	-	-	5
500 - 599 . . .	5	-	1	2	1
600 - 699 . . .	2	-	1	-	2
700 - 799 . . .	2	-	-	-	-
1000 - 1099 . . .	-	-	1	-	1
1400 - 1499 . . .	-	-	-	-	1
1500 and over . .	-	-	2	-	6
Total vessels	38	14	56	77	299
Total power .	12,910	3,210	15,223	19,043	70,430
Average . . .	340	229	272	247	236

Horsepower	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
Under 50.	4	-	-	-	7
50 - 99 . . .	20	-	-	-	67
100 - 149 . . .	45	-	-	-	133
150 - 199 . . .	48	-	-	-	137
200 - 249 . . .	17	-	-	1	96
250 - 299 . . .	13	-	-	-	29
300 - 349 . . .	10	-	-	-	117
350 - 399 . . .	3	-	-	-	13
400 - 449 . . .	1	1	-	-	13
450 - 499 . . .	4	-	-	-	12
500 - 599 . . .	2	1	-	-	12
600 - 699 . . .	3	-	-	-	8
700 - 799 . . .	-	-	-	-	2
800 - 899 . . .	2	1	-	-	3
1000 - 1099 . . .	1	-	-	-	3
1300 - 1399 . . .	1	-	-	-	1
1400 - 1499 . . .	-	-	-	-	1
1500 and over . .	1	-	-	-	9
Total vessels	175	3	-	1	663
Total power .	37,709	1,700	-	225	160,450
Average . . .	215	567	-	225	242

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1966

HORSEPOWER DISTRIBUTION

Horsepower	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
Under 50.	-	-	-	-	11
50 - 99 . . .	2	-	6	1	35
100 - 149 . . .	5	-	27	5	35
150 - 199 . . .	7	9	13	13	55
200 - 249 . . .	2	2	21	12	58
250 - 299 . . .	-	1	9	2	5
300 - 349 . . .	6	8	8	16	116
350 - 399 . . .	2	-	8	21	39
400 - 449 . . .	1	-	2	4	2
450 - 499 . . .	1	-	1	-	4
500 - 599 . . .	1	1	-	3	1
600 - 699 . . .	2	1	-	-	-
700 - 799 . . .	5	-	-	-	-
1000 - 1499 . . .	1	1	1	-	2
1500 and over . .	-	-	1	-	10
Total vessels	35	23	97	77	373
Total power .	12,691	7,092	22,832	22,525	104,513
Average . . .	363	308	235	293	280

Horsepower	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
Under 50.	10	1	-	-	23
50 - 99 . . .	15	2	-	-	60
100 - 149 . . .	55	1	-	-	128
150 - 199 . . .	36	-	1	-	134
200 - 249 . . .	22	-	1	-	118
250 - 299 . . .	31	-	-	-	48
300 - 349 . . .	13	-	-	-	167
350 - 399 . . .	4	-	-	-	74
400 - 449 . . .	6	-	-	-	15
450 - 499 . . .	2	-	-	-	8
500 - 599 . . .	3	-	-	-	9
600 - 699 . . .	2	-	-	-	5
700 - 799 . . .	1	2	-	1	9
1000 - 1499 . . .	1	-	-	-	6
1500 and over . .	1	-	-	-	12
Total vessels	202	6	2	1	816
Total power .	42,432	1,875	420	725	215,025
Average . . .	210	312	210	725	264

HISTORICAL FISHERY STATISTICS
NEW ENGLAND PORTS - VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66
TONNAGE DISTRIBUTION

Gross tonnage	1957	1958	1959	1960	1961
	Number	Number	Number	Number	Number
5 - 9. . . .	2	2	3	16	10
10 - 19. . . .	11	5	4	11	12
20 - 29. . . .	2	2	1	3	1
30 - 39. . . .	1	-	1	-	1
40 - 49. . . .	1	1	-	-	1
50 - 59. . . .	-	-	1	-	-
60 - 69. . . .	1	-	2	2	3
70 - 79. . . .	-	1	-	-	1
80 - 89. . . .	1	-	-	-	-
90 - 99. . . .	-	-	1	2	2
110 - 119. . . .	1	1	2	-	1
130 - 139. . . .	-	2	-	-	-
180 - 189. . . .	-	-	-	1	-
Total vessels	20	14	15	35	32
Total gross tonnage . . .	542	617	637	832	892
Average . . .	27	44	42	24	28

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
5 - 9. . . .	6	4	12	7	4	66
10 - 19. . . .	10	8	9	9	11	90
20 - 29. . . .	3	1	1	1	2	17
30 - 39. . . .	3	-	2	2	1	11
40 - 49. . . .	-	1	-	-	-	4
50 - 59. . . .	-	1	1	-	-	3
60 - 69. . . .	1	-	-	-	-	9
70 - 79. . . .	-	1	1	2	2	8
80 - 89. . . .	-	1	-	-	3	5
90 - 99. . . .	-	-	2	1	-	8
100 - 109. . . .	1	-	1	-	1	3
110 - 119. . . .	2	2	2	1	-	12
120 - 129. . . .	-	-	-	1	-	1
130 - 139. . . .	-	-	1	2	3	8
140 - 149. . . .	-	-	-	1	1	2
150 - 159. . . .	-	1	-	4	1	6
160 - 169. . . .	-	1	-	2	1	4
170 - 179. . . .	-	-	-	4	-	4
180 - 189. . . .	-	-	1	-	1	3
190 - 199. . . .	-	-	-	1	1	2
270 - 279. . . .	-	-	-	-	1	1
290 - 299. . . .	-	1	-	-	-	1
440 - 449. . . .	-	-	-	-	2	2
450 - 459. . . .	-	1	-	-	-	1
490 - 499. . . .	1	-	-	-	-	1
Total vessels	27	23	33	38	35	272
Total gross tonnage . . .	1,226	1,713	1,255	3,007	3,156	13,877
Average . . .	45	74	38	79	90	51

HISTORICAL FISHERY STATISTICS MIDDLE ATLANTIC PORTS - VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

TONNAGE DISTRIBUTION

Gross tonnage	1957	1958	1959	1960	1961
	Number	Number	Number	Number	Number
5 - 9. . . .	2	-	4	2	3
10 - 19. . . .	5	6	4	7	3
20 - 29. . . .	-	2	2	2	1
30 - 39. . . .	2	-	-	-	-
40 - 49. . . .	2	-	-	4	-
50 - 59. . . .	1	-	-	1	-
60 - 69. . . .	6	-	-	1	1
70 - 79. . . .	3	-	1	-	-
80 - 89. . . .	-	-	-	1	1
160 - 169. . . .	-	1	-	-	-
190 - 199. . . .	-	1	-	-	-
230 - 239. . . .	-	-	-	-	1
250 - 259. . . .	-	-	-	-	1
370 - 379. . . .	1	-	1	-	-
580 - 589. . . .	-	-	-	-	1
610 - 619. . . .	1	-	-	-	-
640 - 649. . . .	-	1	-	-	-
Total vessels	23	11	12	18	12
Total gross tonnage . . .	1,910	1,123	583	539	1,315
Average . . .	83	102	49	30	110

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
5 - 9. . . .	-	5	-	2	1	19
10 - 19. . . .	1	4	3	2	3	38
20 - 29. . . .	-	1	1	1	2	12
30 - 39. . . .	-	1	-	1	2	6
40 - 49. . . .	1	1	-	5	7	20
50 - 59. . . .	-	-	2	-	1	5
60 - 69. . . .	-	-	1	-	-	9
70 - 79. . . .	1	4	1	1	-	11
80 - 89. . . .	-	-	-	-	1	3
90 - 99. . . .	-	-	-	1	4	5
100 - 109. . . .	-	-	-	1	-	1
110 - 119. . . .	-	-	1	-	1	2
130 - 139. . . .	1	-	-	-	-	1
160 - 169. . . .	-	-	-	-	-	1
190 - 199. . . .	-	-	-	-	-	1
230 - 239. . . .	-	-	-	-	1	2
250 - 259. . . .	1	-	-	-	-	2
260 - 269. . . .	-	1	-	-	-	1
310 - 319. . . .	-	1	-	-	-	1
370 - 379. . . .	-	-	-	-	-	2
520 - 529. . . .	-	-	1	-	-	1
540 - 549. . . .	-	-	1	-	-	1
580 - 589. . . .	-	-	-	-	-	1
610 - 619. . . .	-	-	-	-	-	1
640 - 649. . . .	-	-	-	-	-	1
Total vessels	5	18	11	14	23	147
Total gross tonnage . . .	520	1,076	1,513	598	1,389	10,566
Average . . .	104	60	138	43	60	72

HISTORICAL FISHERY STATISTICS
CHESAPEAKE BAY PORTS - VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66
TONNAGE DISTRIBUTION

Gross tonnage	1957	1958	1959	1960	1961
	Number	Number	Number	Number	Number
5 - 9. . . .	87	83	81	64	57
10 - 19. . . .	13	12	15	14	16
20 - 29. . . .	2	1	3	2	2
30 - 39. . . .	-	-	1	-	-
40 - 49. . . .	1	-	-	-	-
50 - 59. . . .	-	-	-	1	-
110 - 119. . . .	-	-	-	1	-
190 - 199. . . .	-	-	1	-	-
200 - 209. . . .	-	-	1	-	-
240 - 249. . . .	-	1	-	-	-
250 - 259. . . .	1	-	1	-	-
260 - 269. . . .	-	-	1	-	-
Total vessels	104	97	104	82	75
Total gross tonnage . . .	1,109	1,018	1,780	827	649
Average . . .	11	10	17	10	9

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
5 - 9. . . .	28	47	30	33	68	578
10 - 19. . . .	10	13	6	17	24	140
20 - 29. . . .	2	3	2	3	2	22
30 - 39. . . .	1	-	-	-	1	3
40 - 49. . . .	-	-	-	-	-	1
50 - 59. . . .	-	-	-	-	-	1
110 - 119. . . .	-	1	-	-	-	2
120 - 129. . . .	1	-	-	-	-	1
190 - 199. . . .	-	-	-	-	-	1
200 - 209. . . .	-	-	-	-	-	1
240 - 249. . . .	-	-	-	-	-	1
250 - 259. . . .	-	2	-	-	-	4
260 - 269. . . .	-	-	-	-	1	2
450 - 459. . . .	-	-	1	-	-	1
530 - 539. . . .	-	1	-	-	-	1
540 - 549. . . .	1	-	-	-	-	1
570 - 579. . . .	-	-	-	1	-	1
580 - 589. . . .	-	-	-	1	-	1
590 - 599. . . .	-	-	-	1	-	1
750 - 759. . . .	-	-	-	-	1	1
Total vessels	43	67	39	56	97	764
Total gross tonnage . . .	1,066	1,710	783	2,283	1,858	13,083
Average . . .	25	26	20	41	19	17

HISTORICAL FISHERY STATISTICS
SOUTH ATLANTIC PORTS - VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66
TONNAGE DISTRIBUTION

Gross tonnage	1957	1958	1959	1960	1961
	Number	Number	Number	Number	Number
5 - 9. . . .	6	4	2	10	6
10 - 19. . . .	14	17	14	10	9
20 - 29. . . .	13	8	14	10	6
30 - 39. . . .	20	22	19	4	7
40 - 49. . . .	43	39	11	4	5
50 - 59. . . .	3	16	8	2	2
60 - 69. . . .	16	22	7	4	5
70 - 79. . . .	3	4	2	1	7
80 - 89. . . .	-	1	-	1	-
90 - 99. . . .	1	1	-	-	-
100 - 109. . . .	1	-	-	-	-
190 - 199. . . .	2	-	-	1	-
250 - 259. . . .	1	-	-	-	-
420 - 429. . . .	-	-	-	1	-
Total vessels	123	134	77	48	47
Total gross tonnage . . .	5,412	5,690	2,709	1,933	1,757
Average . . .	44	42	35	40	37

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
5 - 9. . . .	3	4	3	10	3	51
10 - 19. . . .	12	10	3	10	13	112
20 - 29. . . .	5	7	2	8	3	76
30 - 39. . . .	4	3	5	3	2	89
40 - 49. . . .	4	14	4	5	6	135
50 - 59. . . .	4	4	4	3	7	53
60 - 69. . . .	2	3	3	2	4	68
70 - 79. . . .	11	27	15	2	7	79
80 - 89. . . .	-	-	4	2	1	9
90 - 99. . . .	-	-	7	29	26	64
100 - 109. . . .	-	-	-	2	1	4
110 - 119. . . .	1	-	-	-	1	2
120 - 129. . . .	-	-	-	1	2	3
130 - 139. . . .	-	-	-	-	1	1
190 - 199. . . .	-	-	-	-	-	3
210 - 219. . . .	1	-	-	-	-	1
250 - 259. . . .	-	-	-	-	-	1
420 - 429. . . .	-	-	-	-	-	1
Total vessels	47	72	50	77	77	752
Total gross tonnage . . .	2,092	3,454	3,003	4,500	4,978	35,528
Average . . .	45	48	60	58	65	47

HISTORICAL FISHERY STATISTICS

GULF OF MEXICO PORTS - VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

TONNAGE DISTRIBUTION - Continued

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
320 - 329. . . .	-	-	1	-	-	1
360 - 369. . . .	-	-	-	2	1	3
380 - 389. . . .	-	-	-	-	1	1
410 - 419. . . .	-	-	-	-	-	1
460 - 469. . . .	-	-	-	-	-	1
470 - 479. . . .	-	-	-	-	-	5
480 - 489. . . .	2	-	-	-	-	2
510 - 519. . . .	-	-	-	2	-	2
520 - 529. . . .	-	-	-	3	-	3
530 - 539. . . .	-	-	-	-	2	2
550 - 559. . . .	-	-	-	1	-	1
600 - 609. . . .	-	-	-	-	8	9
640 - 649. . . .	-	1	-	-	-	1
Total vessels	111	243	221	299	373	2,047
Total gross tonnage . . .	5,763	11,196	11,301	17,723	27,800	111,441
Average . . .	52	46	51	59	75	54

The Coral Seas (67 gross tons, 62 feet long, 333 horsepower) was built in 1966 for Charles J. Kiesel and Hilbert J. Kiesel, Fort Myer, Fla. This vessel is typical of the new wooden hull vessels constructed for shrimp fishing.

HISTORICAL FISHERY STATISTICS

GULF OF MEXICO PORTS - VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

TONNAGE DISTRIBUTION

Gross tonnage	1957	1958	1959	1960	1961
	Number	Number	Number	Number	Number
5 - 9. . . .	13	12	14	8	9
10 - 19. . . .	21	42	33	27	33
20 - 29. . . .	11	8	11	8	15
30 - 39. . . .	24	39	18	8	8
40 - 49. . . .	23	25	20	9	2
50 - 59. . . .	28	49	12	8	13
60 - 69. . . .	51	89	25	9	12
70 - 79. . . .	6	16	9	1	7
80 - 89. . . .	1	-	3	1	1
90 - 99. . . .	-	1	-	-	-
100 - 109. . . .	1	-	-	-	-
130 - 139. . . .	1	-	-	-	-
170 - 179. . . .	1	-	-	-	-
190 - 199. . . .	2	-	-	-	-
230 - 239. . . .	-	-	-	2	-
250 - 259. . . .	1	-	-	-	-
290 - 299. . . .	-	1	-	-	-
410 - 419. . . .	-	-	1	-	-
460 - 469. . . .	-	-	-	1	-
470 - 479. . . .	-	-	-	5	-
600 - 609. . . .	1	-	-	-	-
Total vessels	185	282	146	87	100
Total gross tonnage . . .	9,488	13,161	5,905	5,754	3,350
Average . . .	51	47	40	66	34

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
5 - 9. . . .	10	41	12	51	37	207
10 - 19. . . .	26	62	59	72	71	446
20 - 29. . . .	13	19	15	18	25	143
30 - 39. . . .	14	10	7	8	12	148
40 - 49. . . .	3	9	7	13	13	124
50 - 59. . . .	2	6	14	5	10	147
60 - 69. . . .	13	30	29	21	33	312
70 - 79. . . .	24	40	49	11	13	176
80 - 89. . . .	2	11	21	24	35	99
90 - 99. . . .	-	2	3	60	79	145
100 - 109. . . .	-	2	2	6	11	22
110 - 119. . . .	-	-	-	1	8	9
120 - 129. . . .	-	-	-	-	9	9
130 - 139. . . .	-	-	-	-	3	4
140 - 149. . . .	-	9	-	-	1	10
160 - 169. . . .	-	-	-	1	-	1
170 - 179. . . .	-	-	-	-	-	1
190 - 199. . . .	-	-	-	-	1	3
210 - 219. . . .	1	-	-	-	-	1
220 - 229. . . .	-	-	1	-	-	1
230 - 239. . . .	-	-	-	-	-	2
250 - 259. . . .	-	-	-	-	-	1
260 - 269. . . .	1	-	-	-	-	1
290 - 299. . . .	-	-	-	-	-	1
300 - 309. . . .	-	1	-	-	-	1
310 - 319. . . .	-	-	1	-	-	1

(Continued on next page)

HISTORICAL FISHERY STATISTICS
PACIFIC COAST PORTS - VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66
TONNAGE DISTRIBUTION

Gross tonnage	1957	1958	1959	1960	1961
	Number	Number	Number	Number	Number
5 - 9. . . .	28	44	27	45	44
10 - 19. . . .	92	87	88	77	49
20 - 29. . . .	15	14	12	18	11
30 - 39. . . .	4	7	9	10	10
40 - 49. . . .	9	2	5	3	10
50 - 59. . . .	2	4	-	1	6
60 - 69. . . .	-	-	-	-	1
70 - 79. . . .	-	-	-	-	2
80 - 89. . . .	-	-	-	1	-
100 - 109. . . .	1	-	-	-	-
130 - 139. . . .	-	1	-	-	1
140 - 149. . . .	1	-	1	-	-
160 - 169. . . .	1	-	-	-	-
180 - 189. . . .	-	-	-	-	1
190 - 199. . . .	-	-	1	1	1
230 - 239. . . .	-	-	-	-	1
260 - 269. . . .	1	1	-	-	-
290 - 299. . . .	-	-	-	2	1
330 - 339. . . .	-	-	-	1	-
340 - 349. . . .	-	-	-	1	-
360 - 369. . . .	-	-	-	1	2
370 - 379. . . .	1	3	1	-	-
480 - 489. . . .	-	-	-	-	1
530 - 539. . . .	-	-	1	-	-
540 - 549. . . .	-	-	-	-	1
560 - 569. . . .	-	-	-	-	1
570 - 579. . . .	-	-	-	-	1
680 - 689. . . .	1	-	-	-	-
770 - 779. . . .	-	-	-	-	1
810 - 819. . . .	-	-	-	-	2
Total vessels	156	163	145	161	147
Total gross tonnage . . .	4,135	3,922	3,410	4,233	8,911
Average . . .	27	24	24	26	61

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
5 - 9. . . .	15	21	16	30	49	319
10 - 19. . . .	76	80	58	76	91	774
20 - 29. . . .	10	29	24	23	21	177
30 - 39. . . .	11	9	17	6	10	93
40 - 49. . . .	7	9	11	11	8	75
50 - 59. . . .	3	5	9	7	7	44
60 - 69. . . .	1	-	1	4	2	9
70 - 79. . . .	-	1	-	3	2	8
80 - 89. . . .	1	-	-	-	-	2
90 - 99. . . .	1	-	1	1	1	4
100 - 109. . . .	-	1	-	-	-	2
130 - 139. . . .	1	-	-	1	1	5
140 - 149. . . .	-	-	-	-	2	4
160 - 169. . . .	-	1	1	-	1	4
170 - 179. . . .	-	-	-	-	2	2
180 - 189. . . .	-	-	-	1	-	2

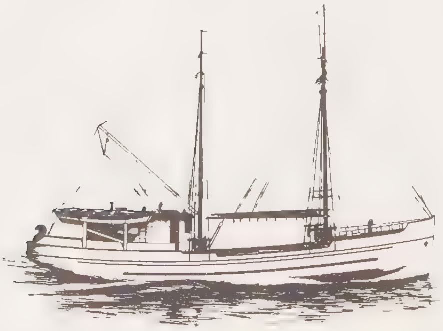
(Continued on next page)

HISTORICAL FISHERY STATISTICS

PACIFIC COAST PORTS - VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66 - Continued

TONNAGE DISTRIBUTION - Continued

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
190 - 199. . . .	-	-	-	1	1	5
210 - 219. . . .	-	-	-	1	-	1
220 - 229. . . .	1	1	-	-	-	2
230 - 239. . . .	-	-	-	-	-	1
240 - 249. . . .	-	1	-	-	-	1
260 - 269. . . .	-	-	-	1	1	4
270 - 279. . . .	-	-	-	1	-	1
290 - 299. . . .	-	1	-	-	1	5
300 - 309. . . .	-	-	-	1	-	1
310 - 319. . . .	-	-	-	1	-	1
320 - 329. . . .	-	-	-	1	-	1
330 - 339. . . .	-	-	-	1	-	2
340 - 349. . . .	1	-	-	-	1	3
360 - 369. . . .	-	-	1	-	-	4
370 - 379. . . .	-	-	-	-	-	5
420 - 429. . . .	-	-	-	1	-	1
430 - 439. . . .	-	-	1	1	-	2
480 - 489. . . .	-	-	-	-	-	1
490 - 499. . . .	-	-	1	-	-	1
530 - 539. . . .	-	-	-	-	-	1
540 - 549. . . .	-	-	-	-	-	1
550 - 559. . . .	1	-	-	-	-	1
560 - 569. . . .	-	-	-	-	-	1
570 - 579. . . .	-	-	-	-	-	1
590 - 599. . . .	-	-	-	1	-	1
680 - 689. . . .	-	-	-	-	-	1
720 - 729. . . .	-	-	-	1	-	1
730 - 739. . . .	-	-	-	-	1	1
770 - 779. . . .	-	-	-	-	-	1
810 - 819. . . .	-	-	-	-	-	2
Total vessels	129	159	141	175	202	1,578
Total gross tonnage . . .	3,699	3,948	4,597	8,099	6,239	51,193
Average . . .	29	25	33	46	31	32



HALIBUT SCHOONER

HISTORICAL FISHERY STATISTICS GREAT LAKES PORTS - VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

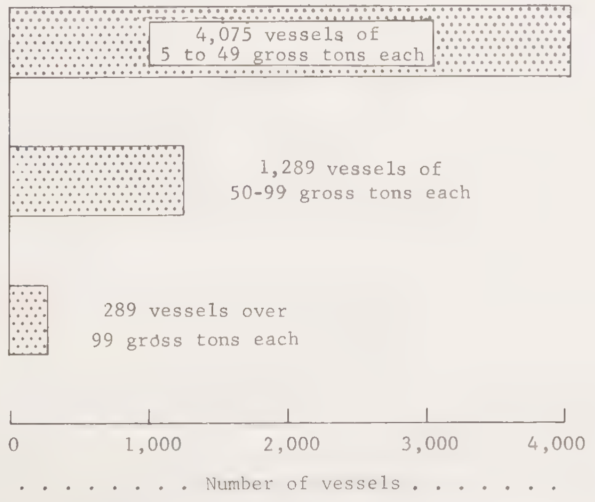
TONNAGE DISTRIBUTION

Gross tonnage	1957	1958	1959	1960	1961
	Number	Number	Number	Number	Number
5 - 9. . . .	-	1	2	4	3
10 - 19. . . .	4	5	3	9	8
20 - 29. . . .	1	1	1	4	1
30 - 39. . . .	-	2	-	1	-
40 - 49. . . .	-	-	1	-	-
50 - 59. . . .	1	1	-	-	-
Total vessels	6	10	7	18	12
Total gross tonnage . . .	134	224	127	283	140
Average . . .	22	22	18	16	12

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
5 - 9. . . .	-	1	-	-	-	11
10 - 19. . . .	2	1	3	1	4	40
20 - 29. . . .	-	1	-	1	-	10
30 - 39. . . .	-	-	1	-	-	4
40 - 49. . . .	-	1	-	-	-	2
50 - 59. . . .	-	-	-	-	-	2
140 - 149. . . .	-	-	-	-	1	1
160 - 169. . . .	-	-	-	-	1	1
210 - 219. . . .	-	-	-	1	-	1
230 - 239. . . .	1	1	-	-	-	2
Total vessels	3	5	4	3	6	74
Total gross tonnage . . .	272	326	77	252	361	2,196
Average . . .	91	65	19	84	60	30

VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

-- by tonnage distribution --



HISTORICAL FISHERY STATISTICS HAWAII PORTS - VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

TONNAGE DISTRIBUTION

Gross tonnage	1957	1958	1959	1960	1961
	Number	Number	Number	Number	Number
5 - 9. . . .	1	-	-	-	-
10 - 19. . . .	-	-	1	-	-
50 - 59. . . .	-	1	-	-	-
Total vessels	1	1	1	-	-
Total gross tonnage . . .	8	54	13	-	-
Average . . .	8	54	13	-	-

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
5 - 9. . . .	-	-	-	-	-	1
10 - 19. . . .	-	-	2	-	2	5
50 - 59. . . .	-	-	-	-	-	1
Total vessels	-	-	2	-	2	7
Total gross tonnage . . .	-	-	30	-	27	132
Average . . .	-	-	15	-	14	19

OTHER PORTS VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

TONNAGE DISTRIBUTION

Gross tonnage	1957	1958	1959	1960	1961
	Number	Number	Number	Number	Number
5 - 9. . . .	-	1	-	-	1
10 - 19. . . .	1	-	-	-	1
Total vessels	1	1	-	-	2
Total Gross tonnage . . .	16	6	-	-	21
Average . . .	16	6	-	-	10

Gross tonnage	1962	1963	1964	1965	1966	Total
	Number	Number	Number	Number	Number	Number
5 - 9. . . .	-	-	-	-	-	2
10 - 19. . . .	-	-	-	1	-	3
40 - 49. . . .	-	-	1	-	-	1
380 - 389. . . .	-	-	-	-	1	1
770 - 779. . . .	1	-	-	-	-	1
790 - 799. . . .	-	1	-	-	-	1
800 - 809. . . .	-	1	1	-	-	2
850 - 859. . . .	1	-	-	-	-	1
Total vessels	2	2	2	1	1	12
Total gross tonnage . . .	1,629	1,597	853	12	386	4,520
Average . . .	814	798	426	12	386	377

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

TONNAGE DISTRIBUTION BY REGIONS

Gross tonnage	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
5 - 9. . . .	66	19	578	51	207
10 - 19. . . .	90	38	140	112	446
20 - 29. . . .	17	12	22	76	143
30 - 39. . . .	11	6	3	89	148
40 - 49. . . .	4	20	1	135	124
50 - 59. . . .	3	5	1	53	147
60 - 69. . . .	9	9	-	68	312
70 - 79. . . .	8	11	-	79	176
80 - 89. . . .	5	3	-	9	99
90 - 99. . . .	8	5	-	64	145
100 - 109. . . .	3	1	-	4	22
110 - 119. . . .	12	2	2	2	9
120 - 129. . . .	1	-	1	3	9
130 - 139. . . .	8	1	-	1	4
140 - 149. . . .	2	-	-	-	10
150 - 159. . . .	6	-	-	-	-
160 - 169. . . .	4	1	-	-	1
170 - 179. . . .	4	-	-	-	1
180 - 189. . . .	3	-	-	-	-
190 - 199. . . .	2	1	1	3	3
200 - 209. . . .	-	-	1	-	-
210 - 219. . . .	-	-	-	1	1
220 - 229. . . .	-	-	-	-	1
230 - 239. . . .	-	2	-	-	2
240 - 249. . . .	-	-	1	-	-
250 - 259. . . .	-	2	4	1	1
260 - 269. . . .	-	1	2	-	1
270 - 279. . . .	1	-	-	-	-
290 - 299. . . .	1	-	-	-	1
300 - 309. . . .	-	-	-	-	1
310 - 319. . . .	-	1	-	-	1
320 - 329. . . .	-	-	-	-	1
360 - 369. . . .	-	-	-	-	3
370 - 379. . . .	-	2	-	-	-
380 - 389. . . .	-	-	-	-	1
410 - 419. . . .	-	-	-	-	1
420 - 429. . . .	-	-	-	1	-
440 - 449. . . .	2	-	-	-	-
450 - 459. . . .	1	-	1	-	-
460 - 469. . . .	-	-	-	-	1
470 - 479. . . .	-	-	-	-	5
480 - 489. . . .	-	-	-	-	2
490 - 499. . . .	1	-	-	-	-
510 - 519. . . .	-	-	-	-	2
520 - 529. . . .	-	1	-	-	3
530 - 539. . . .	-	-	1	-	2
540 - 549. . . .	-	1	1	-	-
550 - 559. . . .	-	-	-	-	1
570 - 579. . . .	-	-	1	-	-
580 - 589. . . .	-	1	1	-	-
590 - 599. . . .	-	-	1	-	-
600 - 609. . . .	-	-	-	-	9
610 - 619. . . .	-	1	-	-	-
640 - 649. . . .	-	1	-	-	1
750 - 759. . . .	-	-	1	-	-
Total number.	272	147	764	752	2,047
Total tons. .	13,877	10,566	13,083	35,528	120,441
Average . . .	51	72	17	47	59

(Continued on next page)

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

TONNAGE DISTRIBUTION BY REGIONS - Continued

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
5 - 9. . . .	319	11	1	2	1,254
10 - 19. . . .	774	40	5	3	1,648
20 - 29. . . .	177	10	-	-	457
30 - 39. . . .	93	4	-	-	354
40 - 49. . . .	75	2	-	1	362
50 - 59. . . .	44	2	1	-	256
60 - 69. . . .	9	-	-	-	407
70 - 79. . . .	8	-	-	-	282
80 - 89. . . .	2	-	-	-	118
90 - 99. . . .	4	-	-	-	226
100 - 109. . . .	2	-	-	-	32
110 - 119. . . .	-	-	-	-	27
120 - 129. . . .	-	-	-	-	14
130 - 139. . . .	5	-	-	-	19
140 - 149. . . .	4	1	-	-	17
150 - 159. . . .	-	-	-	-	6
160 - 169. . . .	4	1	-	-	11
170 - 179. . . .	2	-	-	-	7
180 - 189. . . .	2	-	-	-	5
190 - 199. . . .	5	-	-	-	15
200 - 209. . . .	-	-	-	-	1
210 - 219. . . .	1	1	-	-	4
220 - 229. . . .	2	-	-	-	3
230 - 239. . . .	1	2	-	-	7
240 - 249. . . .	1	-	-	-	2
250 - 259. . . .	-	-	-	-	8
260 - 269. . . .	4	-	-	-	8
270 - 279. . . .	1	-	-	-	2
290 - 299. . . .	5	-	-	-	7
300 - 309. . . .	1	-	-	-	2
310 - 319. . . .	1	-	-	-	3
320 - 329. . . .	1	-	-	-	2
330 - 339. . . .	2	-	-	-	2
340 - 349. . . .	3	-	-	-	3
360 - 369. . . .	4	-	-	-	7
370 - 379. . . .	5	-	-	-	7
380 - 389. . . .	-	-	-	1	2
410 - 419. . . .	-	-	-	-	1
420 - 429. . . .	1	-	-	-	2
430 - 439. . . .	2	-	-	-	2
440 - 449. . . .	-	-	-	-	2
450 - 459. . . .	-	-	-	-	2
460 - 469. . . .	-	-	-	-	1
470 - 479. . . .	-	-	-	-	5
480 - 489. . . .	1	-	-	-	3
490 - 499. . . .	1	-	-	-	2
510 - 519. . . .	-	-	-	-	2
520 - 529. . . .	-	-	-	-	4
530 - 539. . . .	1	-	-	-	4
540 - 549. . . .	1	-	-	-	3
550 - 559. . . .	1	-	-	-	2
560 - 569. . . .	1	-	-	-	1
570 - 579. . . .	1	-	-	-	2
580 - 589. . . .	-	-	-	-	2
590 - 599. . . .	1	-	-	-	2
600 - 609. . . .	-	-	-	-	9
610 - 619. . . .	-	-	-	-	1

(Continued on next page)

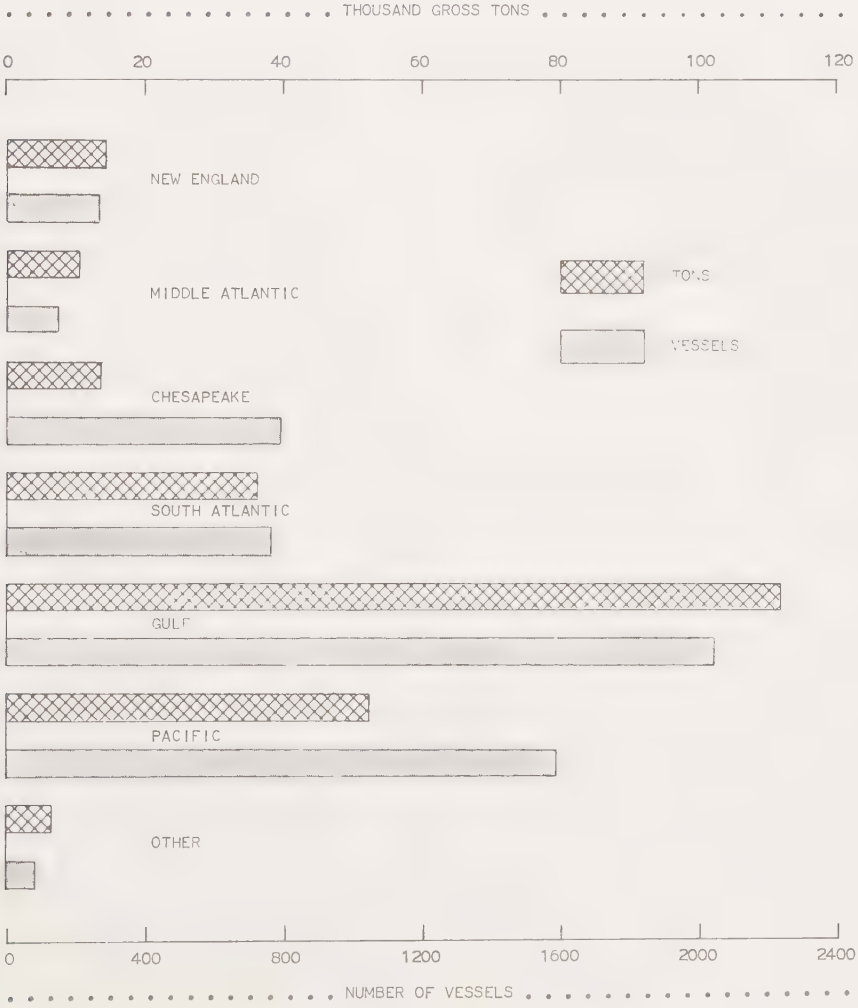
HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

TONNAGE DISTRIBUTION BY REGIONS - Continued

Gross tonnage	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
640 - 649. . . .	-	-	-	-	2
680 - 689. . . .	1	-	-	-	1
720 - 729. . . .	1	-	-	-	1
730 - 739. . . .	1	-	-	-	1
750 - 759. . . .	-	-	-	-	1
770 - 779. . . .	1	-	-	1	2
790 - 799. . . .	-	-	-	1	1
800 - 809. . . .	-	-	-	2	2
810 - 819. . . .	2	-	-	-	2
850 - 859. . . .	-	-	-	1	1
Total number.	1,578	74	7	12	5,653
Total tons. .	51,193	2,196	132	4,520	242,536
Average . . .	32	30	19	377	43

TONNAGE DISTRIBUTION OF VESSELS, 1957-66



HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

LENGTH DISTRIBUTION BY REGIONS

Length	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	34	6	12	20	78
30 - 39. . . .	115	38	622	154	498
40 - 49. . . .	30	24	105	142	333
50 - 59. . . .	11	25	4	190	372
60 - 69. . . .	28	29	2	227	668
70 - 79. . . .	20	9	1	11	47
80 - 89. . . .	16	-	-	1	4
90 - 99. . . .	7	-	1	1	1
100 - 109. . . .	4	2	2	3	5
110 - 119. . . .	1	2	-	1	3
120 - 129. . . .	-	5	6	1	1
130 - 139. . . .	3	-	-	-	9
140 - 149. . . .	2	3	1	1	1
150 - 159. . . .	-	-	1	-	7
160 - 169. . . .	-	2	3	-	18
170 - 179. . . .	-	-	2	-	1
190 - 199. . . .	1	2	-	-	1
200 - 209. . . .	-	-	2	-	-
Total vessels	272	147	764	752	2,047
Total length.	13,531	8,640	29,958	38,718	107,686
Average . . .	50	59	39	51	53

Length	Pacific	Great Lakes	Hawaii	Other	Total
Feet	Number	Number	Number	Number	Number
20 - 29. . . .	369	14	-	1	534
30 - 39. . . .	749	45	3	4	2,228
40 - 49. . . .	329	8	3	-	974
50 - 59. . . .	37	2	-	-	641
60 - 69. . . .	17	-	-	1	972
70 - 79. . . .	6	-	1	-	95
80 - 89. . . .	14	2	-	-	37
90 - 99. . . .	5	-	-	-	15
100 - 109. . . .	6	-	-	1	23
110 - 119. . . .	9	3	-	-	19
120 - 129. . . .	11	-	-	-	24
130 - 139. . . .	6	-	-	-	18
140 - 149. . . .	1	-	-	-	9
150 - 159. . . .	10	-	-	3	21
160 - 169. . . .	6	-	-	-	29
170 - 179. . . .	3	-	-	1	7
180 - 189. . . .	-	-	-	1	1
190 - 199. . . .	-	-	-	-	4
200 - 209. . . .	-	-	-	-	2
Total vessels	1,578	74	7	12	5,653
Total length.	62,609	2,890	305	1,147	265,484
Average . . .	40	39	44	96	47

HISTORICAL FISHERY STATISTICS
VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

HORSEPOWER DISTRIBUTION BY REGIONS

Horsepower	New England	Middle Atlantic	Chesa-peake	South Atlantic	Gulf
	Number	Number	Number	Number	Number
Under 50.	4	3	16	3	33
50 - 99 . . .	40	9	79	42	191
100 - 149 . . .	61	14	324	119	346
150 - 199 . . .	39	43	112	285	716
200 - 249 . . .	30	23	110	139	322
250 - 299 . . .	9	6	49	16	40
300 - 349 . . .	26	16	29	94	275
350 - 399 . . .	12	3	13	26	54
400 - 449 . . .	12	1	8	7	5
450 - 499 . . .	9	8	6	3	14
500 - 599 . . .	11	3	2	12	4
600 - 699 . . .	5	5	2	1	5
700 - 799 . . .	11	1	-	2	1
800 - 899 . . .	-	1	-	-	1
900 - 999 . . .	-	3	-	2	9
1000 - 1099 . . .	3	6	7	-	5
1100 - 1199 . . .	-	-	-	-	3
1200 - 1299 . . .	-	2	2	1	3
1300 - 1399 . . .	-	-	1	-	1
1400 - 1499 . . .	-	-	-	-	3
1500 and over . .	-	-	4	-	16
Total vessels	272	147	764	752	2,047
Total power .	68,595	44,485	142,191	153,908	427,453
Average . . .	252	303	186	205	209

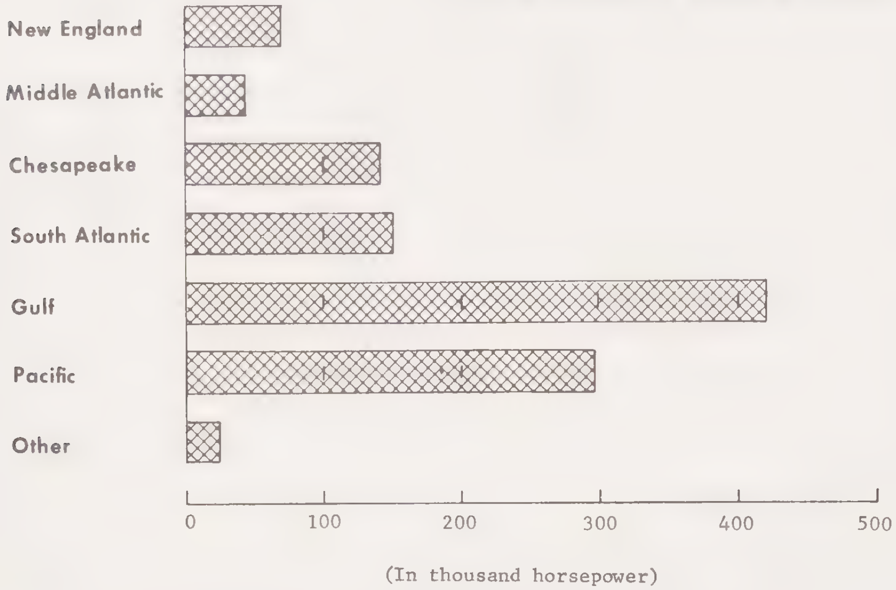
Horsepower	Pacific	Great Lakes	Hawaii	Other	Total
	Number	Number	Number	Number	Number
Under 50.	60	3	-	1/ 1	123
50 - 99 . . .	227	17	-	1	606
100 - 149 . . .	458	24	2	2	1,350
150 - 199 . . .	399	14	1	-	1,609
200 - 249 . . .	196	5	4	2	831
250 - 299 . . .	86	2	-	-	208
300 - 349 . . .	61	1	-	-	502
350 - 399 . . .	11	-	-	-	119
400 - 449 . . .	11	1	-	-	45
450 - 499 . . .	14	-	-	-	54
500 - 599 . . .	7	2	-	-	41
600 - 699 . . .	9	-	-	-	27
700 - 799 . . .	2	2	-	1	20
800 - 899 . . .	4	3	-	-	9
900 - 999 . . .	6	-	-	-	20
1000 - 1099 . . .	12	-	-	-	33
1100 - 1199 . . .	-	-	-	-	3
1200 - 1299 . . .	-	-	-	-	8
1300 - 1399 . . .	3	-	-	-	5
1400 - 1499 . . .	-	-	-	1	4
1500 and over . .	12	-	-	4	36
Total vessels	1,578	74	7	12	5,653
Total power .	299,428	13,989	1,305	9,502	1,160,856
Average . . .	190	189	186	792	205

1/ Sail.

HISTORICAL FISHERY STATISTICS

VESSELS DOCUMENTED AS FISHING CRAFT, 1957-66

BY HORSEPOWER DISTRIBUTION



Sun King. This vessel (269 gross tons, 109 net tons, 102 feet long, 500 horsepower) is reported to be the first U.S. vessel to convert successfully to purse seining for tuna. This was an important technological development in fishing that occurred during the period covered by this report.

HISTORICAL FISHERY STATISTICS

APPENDIX

The following are excerpts from title 46 and are included to provide the reader with certain definitions used by the U.S. Coast Guard in describing vessels and their physical characteristics.

3.1 General definitions.--For the purpose of this part and part 4 of these regulations--

(a) The word "vessel" includes every description of watercraft or other contrivance used or capable of being used as a means of transportation on water, but does not include aircraft. (1 U.S.C. 3; 19 U.S.C. 1401; 49 U.S.C. 177.)

(b) The term "vessel of the United States" means any vessel documented under the laws of the United States. (46 U.S.C. 911.)

(c) The term "documented" means registered, enrolled and licensed, or licensed under the laws of the United States, whether permanently or temporarily. (46 U.S.C. 911.)

(d) The term "marine document" includes registry, enrollment and license, and license. (46 U.S.C. 911.)

(e) The term "port of documentation" means the home port of a vessel. It does not include a port in which a temporary document is issued. (46 U.S.C. 17, 911, 1011.) . . . . etc., etc.

3.2 Vessels entitled to documents.--(a) A vessel of 20 net tons or more may be registered or enrolled and licensed. A vessel of 5 net tons or more but less than 20 net tons may be licensed (except vessels subject to the provisions of paragraph (b) of this section) or registered.

(b) Any vessel of 5 net tons or more which is to be documented for navigating the waters of the northern, northeastern, or northwestern frontiers otherwise than by sea shall be granted a frontier enrollment and license, customs Form 1273, except that a vessel used exclusively as a pleasure vessel on those waters may be granted an enrollment and license as a yacht, customs Form 1290, if entitled to be so documented in accordance with the provisions of section 3.4 of this art. (See sec. 3.40.)

(c) The following classes of vessels are entitled to receive documents under existing laws:

Class 1. Any vessel built in the United States and wholly owned by a citizen. A vessel of this class owned by a corporation which is qualified as a citizen of the United States under the definition contained in section 3.19(a)(4) may be documented for use in the coastwise trade within the limitations specified in the Act of September 2, 1958 (46 U.S.C. 883-1), if it is a non-self-propelled vessel of less than 500 gross tons (see also sec. 3.19(e).)

Class 2. Any vessel purchased from the Maritime Administration or War Shipping Administration by a citizen. (See sec. 3.42)

Class 3. Any vessel built in the United States in whole or in part for the account of one who is not a citizen and then recorded, which thereafter becomes wholly owned by a citizen and has never before been documented. (See sec. 3.47)

Class 4. Any vessel captured by a citizen in a war to which the United States is a party, which has been lawfully condemned as a prize and is wholly owned by a citizen.

Class 5. Any vessel which has been judicially forfeited for a breach of the laws of the United States when wholly owned by a citizen. This includes a foreign-built vessel, but does not include any vessel not otherwise entitled to documents which has been sold under a decree of admiralty for debt or seamen's wages.

Class 6. Any vessel built in the United States and sold by the Govt. to a citizen. A foreign-built vessel bought or chartered by the Government is entitled to documentation if sold to a citizen and the requirements for class 9 are met.

Class 7. Any vessel authorized by special act of Congress to be documented.

Class 8. Any vessel wrecked on a coast of the United States or its possessions or in adjacent waters when purchased by a citizen and repaired in a shipyard in the United States or its possessions, provided it be proved to the satisfaction of the Commissioner, that the repairs put upon such vessel are equal to three times the appraised salvage value of the vessel. The expense of such appraisal shall be borne by the owner of the vessel. If any of the material facts sworn to or represented by the owner, or at his instance, to obtain a document for such vessel is not true, the vessel is liable to forfeiture.

Class 9. Any seagoing vessel, whether steam or sail, wherever built, wholly owned by a citizen. A foreign-built vessel of this class shall engage only in trade with foreign countries or the islands of Guam, Tutuila, Wake, Midway, or Kingman Reef. It shall not engage in the coastwise trade except as specified in sections 18 and 22, Merchant Marine Act, 1920, as amended, nor in the American fisheries. (See sec. 3.42.)

(d) The appropriate one of the following notations shall be made on the register of any vessel owned by a corporation which is established as a citizen of the United States under the definition contained in section 3.19(a)(3) or section 3.19(b), except when such register is required by any other provision of this part to bear an endorsement prohibiting the vessel from engaging in the coastwise trade:

(1) "Less than 75 percent of the interest in the corporation owning this vessel is owned by citizens of the United States. It shall not engage in the coastwise trade"; or

(2) "75 percent of the interest in the corporation owning this vessel is owned by citizens of the United States. It may engage in the coastwise trade so long as so owned and no longer."

(e) The following notation shall be made on the enrollment and license or license of any non-self-propelled vessel or any self-propelled vessel of less than 500 gross tons owned by a corporation which is established as a citizen of the United States under the definition contained in section 3.19(a)(4): . . . . etc., etc.

3.5 Vessels exempt from documentation.--(a) The following classes of vessels are exempt from documentation:

(1) Boats or lighters not masted, or masted but not decked, used in the harbor of any town or city, and not carrying passengers.

(2) Canal boats, barges, or other boats used in whole or in part on canals or on the internal waters of a state, without sail or internal motive power of their own, not engaged in trade with contiguous foreign territory, and not carrying passengers.

(3) Barges or boats without sail or internal motive power of their own plying in whole or in part on inland rivers or lakes of the United States, not engaged in trade with contiguous foreign territory and not carrying passengers.

(4) Vessels plying upon waters which are wholly within the limits of a State and which have no outlet into a river or lake on which commerce with foreign nations or among the States can be carried on.

(5) Vessels of less than 5 net tons.

(b) All other vessels engaged in trade between ports in the United States or engaged in the fisheries, if not registered, shall be enrolled and licensed or licensed, or will be liable to a penalty of $30 on every arrival, unless the vessel has not been within a customs district since the expiration of the license.

(c) No vessel exempt from documentation under the provisions of paragraph (a)(1), (2), (3), or (5) of this section and owned by a corporation which is a citizen of the United States as defined in section 3.19(a)(4) shall be operated in trade on the navigable waters of the United States unless there is on file with the collector of customs for the district in which the vessel business of the owner is conducted a valid and current certificate under oath on customs Form 1260 as required by section 3.21(f). (Sec. 7, 24 Stat. 81, as amended, 21 Stat. 44, R. S. 4385, 18 Stat. 31, 72 Stat. 1736; 46 U.S.C. 319, 332, 335, 336, 883-1.)

2.4 Register ton.--A register ton is a volume of 100 cubic feet.

2.5 Gross register tonnage.--(a) The gross tonnage referred to in this part is the gross register tonnage; that is, the gross tonnage exclusive of all permissible exempted spaces. Under the provisions of section 2.87(b), a vessel may have two gross tonnages. The higher gross tonnage is applicable when a tonnage mark which is placed and displayed on the side of the vessel is submerged and the lower is applicable when the tonnage mark is not submerged.

(b) Except in the case of a vessel which is measured under the provisions of section 2.80 through 2.100, the gross register tonnage of a vessel shall consist of the sum of the following items:

(1) The cubic capacity below the tonnage deck, excluding exemptible water-ballast spaces within the measurable portion of the vessel;

(2) The cubic capacity of each between-deck space above the tonnage deck;

(3) The cubic capacity of the permanent closed-in spaces on the upper deck available for cargo or stores, or for the accommodation of passengers and/or crew;

(4) All permanent closed-in spaces situated elsewhere available for cargo or stores, or for the accommodation of the crew, or for the charts, except cabins or staterooms for passengers, constructed entirely above the first deck which is not a deck to the hull;

(5) The excess of hatchways.

(c) The gross tonnage of a vessel measured under the provisions of sections 2.80 through 2.100 shall be determined as provided by section 2.86(a).

2.6 Net register tonnage.--(a) The tonnage of a vessel remaining after the authorized deductions have been made from the gross register tonnage shall be deemed the net register tonnage. Under the provisions of section 2.87(b) a vessel may have two net tonnages. The higher net tonnage is applicable when a tonnage mark which is placed and displayed on the side of the vessel is submerged and the lower is applicable when tonnage mark is not submerged.

(b) In asserting the net tonnage, no space may be deducted unless it has previously been included in the gross tonnage.

2.18 Register length.--(a) The length measured on the tonnage deck, from the fore part of the outer planking (where it is rabbeted) on the side of the stem of wooden vessels, or fore end of lap of outer plating of steel or iron vessels, to the after side of the main sternpost, shall be accounted the vessel's register length.

(b) In the case of screw vessels with no sternpost, take the length to the forward side of the rudder-stock or line of same extended through the deck.

(c) The register length of scows and barges, with a square bow and stern sloping up from the bottom to the deck, and with neither stem nor sternpost, is to be taken on the deck from the extreme point of the hull at the bow to the extreme point of the hull at the stern; that is, the over-all length of the hull, not including guards or rubbingstrakes, is to be considered the register length of such vessel.

3.11 Enrollment and license; coasting trade and fisheries.--(a) When employed in the coasting trade and fisheries, a vessel of 20 net tons or over shall be enrolled and licensed and a vessel of 5 net tons or over but less than 20 net tons shall be licensed, unless such vessel is registered. (See sec. 3.10)

(b) A vessel engaged exclusively in the cod fishery shall be licensed for that fishery. A vessel engaged in whaling shall be licensed for the whale fishery. A vessel engaged in taking fish of any other description shall be licensed for the mackerel fishery. A vessel licensed for the fisheries shall not be deemed to be used in employment for which not licensed solely because it occasionally takes on board on the high seas and transports without a monetary consideration to a port of the United States the catch of another fishing vessel of the United States. A vessel which engages in both the coasting trade and fishing (other than whaling) may be licensed for the "coasting trade and mackerel fishery". A vessel engaged in taking out fishing parties is not a fishing vessel and shall be licensed for the coasting trade unless it tends to proceed to a foreign port, in which case a certificate of registry is required. (See sec. 3.10 of this part. See sec. 3.40 of this part for vessels on the Great Lakes.)

(c) The trade expressed in the body of a document is controlling and may not be limited or expanded by the statement of service in the space provided therefor.

(d) An enrolled and licensed vessel may engage in trade with the Canal Zone or Guantanamo Bay Naval Station. (R. S. 4311, as amended, 4321, as amended, sec. 7, 24 Stat. 81, as amended, 75 Stat. 410; 46 U.S.C. 251, 263, 319, 404.)

3.12 Builder's certificates.--(a) In order to document a vessel of class 1, 2, 6, or 7, built in the United States and not before documented, the owner shall produce to the collector a certificate on customs Form 1261 from the builder under whose direction the vessel was built, that she was so built, stating the place and time of building, the person or persons for whom built, number of decks and masts, length, breadth, depth. tonnage, and such other particulars as are usually descriptive of a vessel. This certificate shall be sufficient to authorize the removal of a new vessel, if in ballast only, from the district where she was built to another district in the same or an adjoining State where the owner or owners actually reside.

(b) When for any cause it is found impractical to obtain the certificate of the builder, other competent evidence establishing the particulars and facts required to be certified by him may be accepted with the approval of the Commissioner of Customs.

(c) The place of build is where the hull was built. The time of build is the year of completion. Both shall appear in all marine documents. (R. S. 4147; 46 U.S.C. 24.)

SECTION 14

STATISTICAL SURVEY PROCEDURE

This is another in a series of annual reports containing detailed statistics, analytic textual reviews, and graphic presentations on the commercial fisheries of the United States. Included are data on the quantity and value of the commercial yield of fishery products by States, sections, and gear; and the number of persons and operating units engaged in the fisheries. In the Great Lakes and Mississippi River Sections, the catch is also tabulated by water bodies. The publication contains data on the volume and value of processed fishery products, freezings and cold storage holdings, foreign trade, and other related information. The report has been prepared and published by the Bureau of Commercial Fisheries, Fish and Wildlife Service, U. S. Department of the Interior, and is a continuation of a series inaugurated by its predecessor organizations in the Department of Interior, Commerce, Commerce and Labor, and the U. S. Fish Commission.

In order that those who use the statistical data contained in this and previous reports may be informed as to the source of the figures and methods for their collection, it has been deemed advisable to outline, in moderate detail, the survey procedure followed. This procedure has been developed over many years, and changes in methods have been made at times when such changes have appeared to work toward general improvement. While the surveys in different sections are not made in the same manner, owing to varying facilities and records, an attempt has been made to make the data collected by various methods comparable with respect to the same year as well as over a period of years. Throughout the entire plan, it has been the intention to coordinate State and federal fishery statistical work so that there will be as little duplication of effort as possible.

SECTIONAL SURVEYS

Statistical surveys of the fisheries and fishery industries of the various sections of the United States occupy by far the greatest part of the time of the personnel of the Branch of Statistics. At frequent intervals, field representatives visit the individual fishing localities of the various States to collect statistics on the volume and value of the catch of fish and shellfish, employment in the fisheries, quantity of fishing gear, number and classification of fishing craft, and the volume and value of processed fishery products. The various phases of these surveys are discussed in detail in the sections following.

History--The first comprehensive statistical study of the fisheries and fishery industries of the United States was made for the year 1880 by George Brown Goode, Assistant Director of the U. S. National Museum, and associates, with the cooperation of the Commissioner of Fisheries and the Superintendent of the Tenth Census. Data for specific fisheries, or restricted sections for years prior to 1880, also were collected in the early survey and recorded in Mr. Goode's reports. The survey for 1880, however, did not include the Mississippi River and its tributaries. Periodic general surveys of a limited number of States or limited areas of the United States were made for the years from 1880 to 1907 and from 1909 to 1928. The first complete statistical canvass of the entire United States was made for 1908 by the Bureau of the Census. The next general survey of the entire United States was not made until 1931, although complete data for all sections, excluding the Mississippi River and its tributaries, were collected for 1929 and 1930. Complete data on the catch and operating units for these same sections were also collected for 1932. In the latter survey, however, lack of sufficient funds prohibited collection of data on the wholesale and manufacturing operations except those data collected as a part of the canned fishery products and byproducts survey. Various sections were surveyed during the years from 1933 to 1949, inclusive. A complete survey of all sections of the country was made for 1950. Since 1951, all of the coastal areas have been canvassed annually, and catch records have been obtained for the Lakes section. Complete operating unit and catch data have been obtained for all areas since 1954, except that only a partial survey of the Mississippi River and its tributaries was made for 1961. Data on the wholesale and manufacturing industries were collected in all of the surveys from 1933 to 1940, inclusive. In the years from 1941 to 1949, inclusive, and in 1951, lack of experienced personnel and budgetary limitations precluded the collection of data on wholesale and manufacturing firms except for those data collected as part of the canned fishery products, industrial products, and packaged fish surveys.

STATISTICAL SURVEY PROCEDURE

The chart on page 640 indicates the years for which surveys have been made in the various sections. Figures for recent years are available from the Bureau in bulletin form, but data for the earlier years are available only in the Fish Commission and Bureau of Fisheries printed reports. These reports are on file in the Department of the Interior library and in many public libraries.

Since the surveys of the fisheries have varied in completeness, three legends have been used for the years shown in the chart to indicate whether complete, partial, or no surveys were conducted in the individual regions. The designation "complete survey" has been used to indicate that basic operating unit and catch data were obtained and that complete information was collected on employment in wholesale and manufacturing establishments and on the production of manufactured fishery products. The legend "partial survey" usually indicates that operating unit and catch statistics were collected, but that no information was obtained on employment in wholesale and manufacturing establishments and that only partial data were obtained on the production of manufactured fishery products. In some instances the designation "partial survey" is used for regions in which only catch statistics were collected. The legend "no survey" indicates that a general canvass was not conducted to obtain operating unit, catch, employment in wholesale and manufacturing plants, and complete manufactured products data. Although the chart indicates that in certain regions no surveys were conducted, some information may be available on the landings at certain important ports. Likewise, information on the catch of certain species, such as menhaden, may be available as a result of data collected in connection with the annual canned fish and byproducts survey. Data on the annual production of canned fishery products and byproducts have been collected for all regions since 1921, while information has been obtained on the production of packaged fish for 1926 and annually since 1928.

A bibliography listing the various surveys made since 1880 and the publications in which the results were published appeared in Statistical Digest No. 43, "Fishery Statistics of the United States, 1956." A list of the statistical bulletins in the Current Fishery Statistics series published during 1966 may be found in Section 17 of this Digest.

Field Personnel--The statistics contained in this volume have been collected by a group of trained fishery reporting specialists of the Bureau.

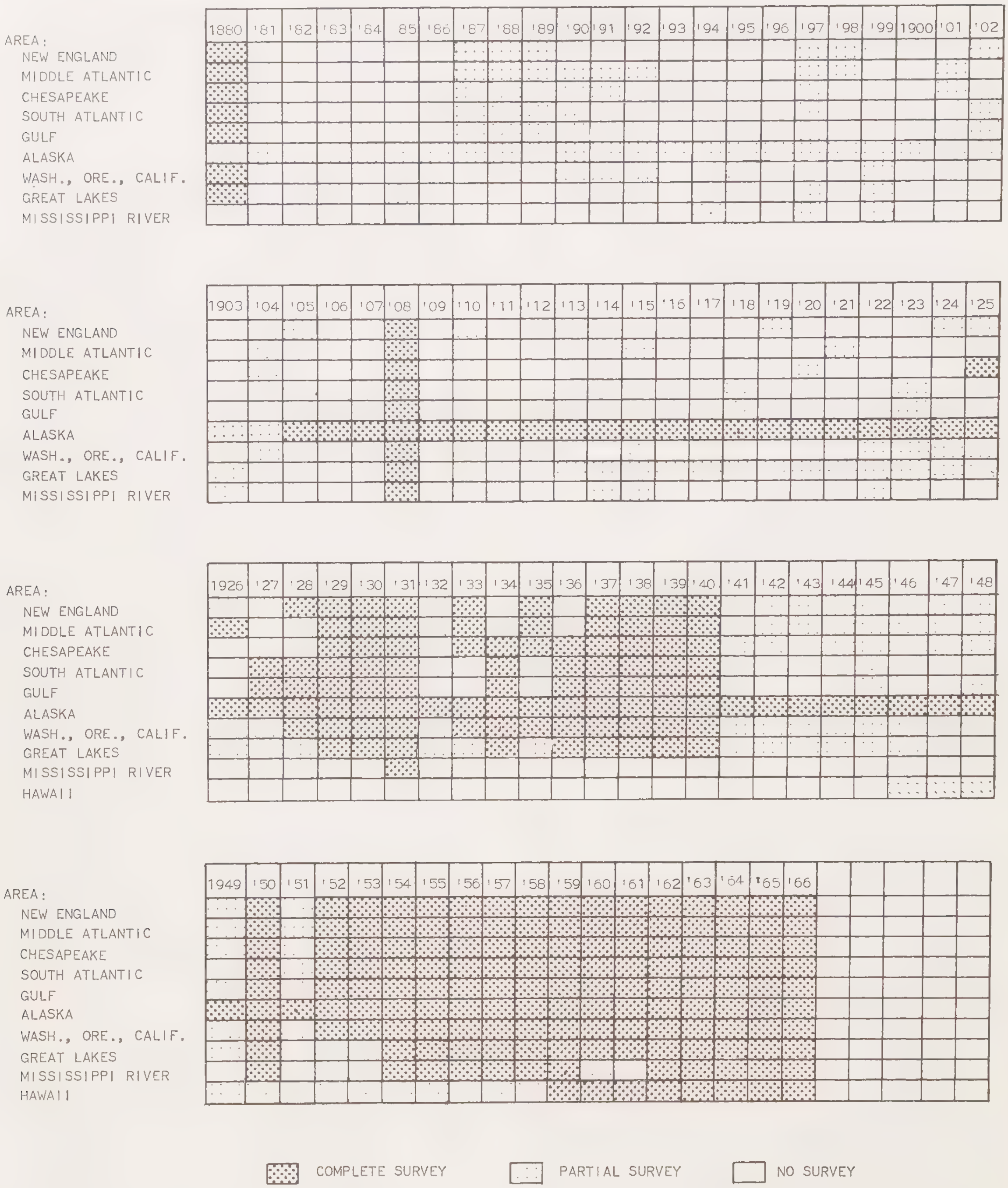
Period Covered--These specialists are assigned to field stations, generally in the principal port within their field, and travel from that station in conducting their various surveys. Most of the reporting agents collect statistics on landings for the current year, and assemble final operating unit, catch, and processed products data for the previous year. It is usually 3 to 10 months after the end of the calendar year for which they are collecting data before the final figures for the digest are available. The data are tabulated and prepared for publication before the end of the year. The figures are collected and published on a calendar year basis. Prior to 1930, statistics on the catch of oysters in the Atlantic and Gulf States were collected for the oyster season; that is, from September to April, inclusive. Since 1930, they have been collected on a calendar year basis.

Scope--The coastal statistical surveys include canvasses of the commercial fisheries of the oceans, bays, and coastal rivers as far inland as commercial fishing is important. This usually coincides with the range of commercial fishing for anadromous species. Statistics on the fisheries of the Mississippi River include those of the Mississippi River proper as well as all of its tributaries wherein commercial fishing for either fish, crustaceans, or mollusks is carried on. Statistics on the fisheries of the Great Lakes cover canvasses of the fisheries in the lakes proper, adjacent bays, the International Lakes of northern Minnesota, and rivers which sustain a commercial fishery having outlets into these waters. Statistics on the fisheries of Florida include the commercial fisheries in Lake Okeechobee and other inland lakes. Surveys for statistics of the wholesale and processing fishery industries cover plants located in the coastal, river, and lake areas adjacent to the waters mentioned above.

Methods of Collection--There are several methods used in the collection of fishery statistics, each of which has been carefully

STATISTICAL SURVEY PROCEDURE

SURVEYS OF THE FISHERIES OF THE UNITED STATES



AREA:	1880	'81	'82	'83	'84	85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	1900	'01	'02
NEW ENGLAND	▨							⬚	⬚	⬚								⬚	⬚				⬚
MIDDLE ATLANTIC	▨							⬚	⬚	⬚	⬚	⬚	⬚					⬚	⬚			⬚	
CHESAPEAKE	▨							⬚	⬚		⬚	⬚						⬚				⬚	
SOUTH ATLANTIC	▨							⬚	⬚	⬚	⬚							⬚					⬚
GULF	▨							⬚	⬚	⬚	⬚												⬚
ALASKA		⬚				⬚	⬚	⬚	⬚		⬚	⬚	⬚	⬚	⬚	⬚	⬚	⬚	⬚	⬚	⬚		
WASH., ORE., CALIF.	▨										⬚	⬚	⬚							⬚			
GREAT LAKES	▨																	⬚		⬚			
MISSISSIPPI RIVER															⬚			⬚		⬚			

AREA:	1903	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25
NEW ENGLAND			⬚			▨		⬚									⬚					⬚	⬚
MIDDLE ATLANTIC		⬚				▨							⬚						⬚				
CHESAPEAKE		⬚				▨												⬚					▨
SOUTH ATLANTIC						▨										⬚					⬚		
GULF						▨										⬚					⬚		
ALASKA	⬚	⬚	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨
WASH., ORE., CALIF.		⬚				▨							⬚							⬚	⬚	⬚	⬚
GREAT LAKES	⬚					▨					⬚	⬚	⬚		⬚			⬚	⬚	⬚	⬚	⬚	⬚
MISSISSIPPI RIVER	⬚					▨						⬚	⬚							⬚			

AREA:	1926	'27	'28	'29	'30	'31	'32	'33	'34	'35	'36	'37	'38	'39	'40	'41	'42	'43	'44	'45	'46	'47	'48
NEW ENGLAND			▨	▨	▨	▨		▨		▨		▨	▨	▨	▨		⬚	⬚		⬚		⬚	⬚
MIDDLE ATLANTIC	▨			▨	▨	▨		▨		▨		▨	▨	▨	▨		⬚	⬚		⬚	⬚	⬚	⬚
CHESAPEAKE				▨	▨	▨		▨	▨	▨	▨	▨	▨	▨	▨	⬚	⬚		⬚	⬚			⬚
SOUTH ATLANTIC		▨	▨	▨	▨	▨			▨		▨	▨	▨	▨	▨					⬚			
GULF		▨	▨	▨	▨	▨			▨		▨	▨	▨	▨	▨					⬚			⬚
ALASKA	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨
WASH., ORE., CALIF.			▨	▨	▨	▨		▨	▨	▨	▨	▨	▨	▨	▨	⬚	⬚	⬚	⬚	⬚	⬚		
GREAT LAKES	⬚		⬚	▨	▨	▨	⬚	⬚	▨	⬚	▨	▨	▨	▨	▨	⬚	⬚	⬚	⬚	⬚	⬚		
MISSISSIPPI RIVER						▨																	
HAWAII																					⬚	⬚	⬚

AREA:	1949	'50	'51	'52	'53	'54	'55	'56	'57	'58	'59	'60	'61	'62	'63	'64	'65	'66					
NEW ENGLAND	⬚	▨	⬚	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨					
MIDDLE ATLANTIC	⬚	▨	⬚	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨					
CHESAPEAKE	⬚	▨	⬚	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨					
SOUTH ATLANTIC		▨	⬚	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨					
GULF	⬚	▨		▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨					
ALASKA	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨					
WASH., ORE., CALIF.	⬚	▨	⬚	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨					
GREAT LAKES	⬚	▨				▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨					
MISSISSIPPI RIVER		▨				▨	▨	▨	▨	▨	▨	⬚		▨	▨	▨	▨	▨					
HAWAII	⬚										▨	▨	▨	▨	▨	▨	▨	▨					

▨ COMPLETE SURVEY　⬚ PARTIAL SURVEY　☐ NO SURVEY studied to obtain the best results with available personnel and funds. In the preparation of operating unit data, the field personnel are supplied with a deck of prepunched vessel cards obtained from the Bureau of Customs. These cards indicate the name, official number, rig code, gross tonnage, length, and year built. Field personnel enter the number of crewmen, and number and type of gear used by the vessel. These data are obtained by interview. Data on the craft of less than 5 net tons are obtained from State conservation agencies and by contact with firms purchasing fish or shellfish from fishermen. The data thus obtained are machine processed to ensure accuracy.

Data on over 96 percent of the catch are available from summaries of monthly landings bulletins and other current records assembled by the Bureau or the various States. If complete catch data are not available from central sources, wholesale dealers and manufacturers of fishery products are visited, and data are obtained from them on their purchases of fish and shellfish. It is impossible for the few Bureau representatives available for this work to interview each fisherman in a given locality. However, the more important areas and a sufficient number of areas of lesser importance are visited to obtain reliable information on production, the number of fishing craft engaged, the quantity of gear operated, catch by gear and waters, and the number of persons employed as fishermen.

The Bureau's role with regard to fishery statistics is principally that of coordinating the collection of information, assembling, analyzing, publishing, and disseminating fishery data. The collection of basic operating unit and catch statistics is primarily a State function. The State fishery agencies in a number of States have developed relatively complete statistical systems which greatly facilitate the Bureau's surveys in these States. In such instances, the Bureau conducts only such surveys as may be necessary to make the data comparable with those of other States.

The Bureau obtains from the records of the State fishery agencies most of the catch statistics for the fisheries of the Great Lakes, the northern Mississippi River area, and the International Lakes of northern Minnesota. To obtain data on the number of fishermen, boats, vessels, and gear, the Bureau conducts such personal surveys among the fishermen as may be necessary to supplement the State records.

Bureau statistical personnel are stationed at Seattle, Wash. and San Pedro, Calif. for the purpose of surveying the fisheries of Washington, Oregon, and California. They obtain from the records of the State fishery departments figures on the volume of the catch and operating units. The value of the catch is derived from State and dealers' records. In Washington and Oregon, data for operating units in the offshore fisheries are obtained from the records of various fishery organizations as well as from records of the State fishery agencies. Statistics of the wholesale fishery industry for this section are obtained largely by personal interviews.

In many States, the Bureau and the fishery agency of the respective States cooperate in the collection and publication of current monthly and annual data on the catch. These data form the basis of the annual catch figures published in this report for the following States: Maine, Massachusetts, Rhode Island, New York, New Jersey, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, California, Ohio, Michigan, and Wisconsin.

In the administration of the Alaska fisheries, the State requires that copies of all receipts for fish and shellfish purchases from fishermen be furnished to the Alaska Department of Fish and Game. The data on these tickets are compiled and made available to the Bureau. The summary data, by districts, are reproduced in this report.

Statistics on the volume of the catch of fish in the Great Lakes States usually are shown in weights as landed, which may be in the round or drawn condition. Statistics on the volume of the catch of fish taken in the remainder of the United States are usually shown in round weight.

The figures in the tables for shellfish represent the weight of the meats in the cases of univalve and bivalve mollusks, and the round weight of crustaceans and such cephalopods as squid and octopus.

Shore and Vessel Fisheries--In general, statistics of the shore fisheries, as collected by the Bureau's representatives, include data on the number of casual and regular fishermen; number of motor and other fishing boats (craft of less than 5 net tons capacity are called "boats"); type and quantity of gear used; and the volume, value, and method of capture of each species for each locality or group of localities. This method is not followed in some sections where the availability of data collected by the State fishery agencies obviates the necessity of detailed locality surveys.

Statistics of the vessel fisheries include data on the number in the crew; rig of vessels; gross tonnage; kind and quantity of gear used; and volume, value, and method of capture of each species. Craft having a capacity of 5 net tons or over are called "vessels." As in the shore fisheries, the availability of figures collected by State fishery agencies may eliminate the necessity of Bureau agents collecting these data for individual vessels. Information on the year vessels were built was assembled for 1961.

Statistics on the quantity of gear operated indicate the maximum number of units fished at any one time during the year. Gear carried in reserve for replacement is not reported.

All persons engaged in commercial fishing operations are included as fishermen. In most areas, fishermen not on vessels have been divided into "regular" and "casual". Regular fishermen are defined as those who receive more than one-half their annual income from fishing, whereas casual fishermen are those who receive less than one-half their annual compensation from fishing. It has not been possible to separate regular from casual fishermen on the Pacific Coast.

Since 1942, the catch of fish and shellfish has been credited to the port at which it was landed. Prior to the survey for that year, it was the practice of the Bureau to credit the entire catch of a vessel to the principal port at which fish or shellfish were unloaded, regardless of the actual point of landing. This policy was discontinued since it quite often resulted in inconsistencies by crediting catches of some species to areas far removed from localities in which they are commonly taken. An outstanding example of this is the southern trawl fishery conducted off the New Jersey, Maryland, Virginia, and North Carolina coasts. Some fishing vessels from New England operate in this fishery for 6 to 10 weeks during the winter season. Prior to the survey for 1942, the catch of these vessels, consisting principally of fish common to Middle Atlantic waters, was credited to Massachusetts. Under the present system, this catch is credited to the Middle Atlantic ports where it is landed.

Since 1949 on the Pacific Coast and 1951 for the remainder of the country, craft, fishermen, and gear have been reported for each State in which they fished. A total exclusive of duplication is shown for each section and for the United States as a whole. Prior to the surveys for 1949, each craft on the Pacific Coast was credited to its home port unless it did not fish from that port during the year. In that case, it was credited to the locality where it landed the greatest portion of its catch. Prior to the survey for 1951, each craft on the Atlantic and Gulf Coasts and interior waters was credited to the port where it landed the greatest portion of its catch during the year. This system was changed to provide more accurate data on the total number of craft operating in a given State. With the increased mobility of the fishing fleet in recent years, the number of vessels fishing in more than one State has increased greatly.

Beginning with data for 1951, the reporting of units of gear was standardized so that nets or lines made up of small units for ease in handling, but fastened together in fishing, were counted as a single unit rather than as a number of smaller units. Prior to 1951, the small units were sometimes counted as individual pieces of gear even though they were combined for fishing. This rule does not apply to halibut longlines or setlines on the Pacific Coast. In this fishery, each skate of gear is counted as one line, even though fastened together in fishing, because the International Pacific Halibut Commission uses a skate of gear as a unit in its studies of fishing intensity.

Beginning with 1962, only summary data have been shown on the number of fishing gear operated in the Great Lakes and the International Lakes of northern Minnesota. These data appear in the General Review section of the Digest in the table "Summary of Operating Units." In detailed operating unit tables for these lakes, the number and size of gear have been replaced by information on the fishing effort expended in the operation of each gear.

Publication of Data--Statistics on employment in the fisheries, craft and gear engaged, quantity and value of catch, and certain data on industries related to the fisheries are summarized according to geographic divisions and published in bulletin form as soon as possible after the completion of each survey. Later, the figures, in more detail, are included in the

STATISTICAL SURVEY PROCEDURE

annual statistical report of the Bureau entitled "Fishery Statistics of the United States."

Data on the operating units (fishermen, fishing craft, and gear) and catch by counties for the Atlantic and Gulf States have been included in these annual statistical reports for the years from 1928 to 1938 except for 1932. These data have also been published in the digests for the years 1945, 1950, 1955, and 1960. County data were collected for the State in which surveys were conducted during the years since 1938, except for Maryland. Between 1942 and 1959, only operating unit data by counties have been obtained for Maryland. Complete data were obtained for 1960. County data assembled for the years since 1938, which were not published in the Digest, are on file in the Washington office of the Bureau.

LOCAL AND SPECIAL SURVEYS

Landings at Certain Massachusetts Ports--Detailed statistics are collected on the landings of aquatic products by individual fishing craft at Boston, Gloucester, New Bedford, Plymouth, Provincetown, and other Cape Cod ports. Bureau representatives are stationed at the principal ports. They obtain figures on the quantity and value of fish landed daily by fishing craft, the dates of departure and arrival of the craft, the gear used in their capture, the grounds from which the fish were taken, and other related information. The Bureau's Division of of Biological Research and Branch of Market News cooperate in the collection of these data.

Statistics on landings at the above ports are released monthly and annually in bulletin form, and summary data are published in the annual statistical digest. Products of American fisheries received duty free at Boston and Gloucester from the treaty coasts of Newfoundland, Magdalen Islands, and Labrador have not been included in the landings at these ports since 1938. Data on the landings at Boston and Gloucester have been collected annually since 1893. Information on landings at New Bedford has been collected annually since 1938; and at Plymouth, Provincetown, and other Cape Cod ports, since 1945.

Shad and Alewife Fisheries--Owing to the importance of the Hudson and Potomac Rivers in the production of shad, surveys for statistics on the catch, value of the catch, and operating units are made annually. On the Potomac River, similar statistics are also obtained for the alewife fishery. Much of the data required for these surveys is available from the States fishery agencies.

Annual data on the shad and alewife fisheries are not published separately in bulletin form. However, a summary is published in the annual statistical digest.

Statistics on the Hudson River shad fishery are available for 1896, 1897, 1898, 1901, 1904, 1910, and continuously since 1915. Data for the Potomac River shad fishery are available for 1896, 1901, 1904, 1909, 1915, from 1919 to 1942, inclusive, and continuously since 1944. Statistics on the Potomac River alewife fishery are available for 1896, 1909, 1915, from 1919 to 1942, inclusive, and continuously since 1944.

Pacific Halibut Fishery--Statistics on the Pacific halibut fishery are obtained primarily from the International Pacific Halibut Commission. Beginning with data for 1956, the fleet classification of halibut craft was revised and vessels were credited in operating unit tables to each district in which they landed fish; the only exception being that U.S. vessels landing at Prince Rupert, British Columbia, are credited to Southeastern Alaska. Duplication of halibut craft which operated in more than one district has been eliminated in regional and national totals. The catch by the halibut fleet is credited to the port of landing except that fish landed by U.S. halibut craft in British Columbia is credited to Southeastern Alaska. Halibut statistics are also included in the monthly and annual summaries published by the Seattle Fishery Market News Office. Statistics on the landings of halibut at Pacific Coast ports have been collected since 1925.

South Atlantic and Gulf of Mexico Shrimp Fishery--Detailed statistics on the quantity and value of shrimp, by variety and size, landed at South Atlantic and Gulf ports, have been collected for the Gulf area since 1956 and the South Atlantic since 1957. Since 1956, Bureau personnel have also obtained daily information on the number of fishing trips, area and depth fished, and time spent in fishing by craft landing at U.S. ports in the Gulf of Mexico. The Branch of Market News, the Bureau's Branch of Marine Fisheries of the Division of Biological Research, and various fishery agencies of the southern States cooperate in the collection of these data.

Detailed monthly and annual summaries of the statistics on shrimp catch and landings are published in bulletin form and are summarized in the annual statistical digests.

Hawaiian Fisheries-- The common and scientific names of the species of fish and shellfish landed in Hawaii are not included in Section 15 of this report.

Historical Fishery Statistics-- The Bureau of Commercial Fisheries has in its files and in various Bureau reports or publications of other organizations a large volume of historical data on fisheries. Beginning with the 1951 Digest, a section entitled "Historical Fishery Statistics," which includes complete historical information on selected species, has been carried. There is published each year a listing of the titles of the series of data appearing in earlier editions.

Review of Certain Major Fisheries--Beginning with 1942, tabulations containing complete data on the catch of certain major species have been included in a section of the Digest entitled "Review of Certain Major Fisheries." Although the data are included in the detailed catch tables of the various States, they are consolidated in this section to provide a single source of data for cod, haddock, halibut, Pacific mackerel, jack mackerel, menhaden Atlantic ocean perch, salmon, tuna, oysters, clams, crabs, and shrimp. Data on operating units in the following fisheries have likewise been consolidated in this section: halibut, salmon purse seine and troll line, Atlantic and Pacific Coast tuna, menhaden purse seine, fish and shrimp otter trawl.

Canned Fishery Products and Industrial Products--Since 1921, the Bureau has made annual sectional surveys for statistics on canned and industrial fishery products. These surveys are started the first week in January of each year for statistics on the production in the preceding year. So far as possible, the Bureau obtains by mail statistics on the annual production of each domestic canned and industrial fishery products plant. If it is impossible to obtain the information by mail, the report is secured by a Bureau representative. Included in the data obtained are statistics on the yield and value of the canned products by type of commodity, can size, and area of production. Data on industrial products are obtained by commodity and area of production. The value shown for canned and industrial products is the gross amount received by the packer at the production point. No deductions are made for commissions or expenses.

Annual statistical bulletins are issued on this trade, and detailed data are published in the statistical Digest. Prior to 1921, canned and industrial products data were not collected for the entire country. However, data on the production of these products were usually obtained for the areas in which general canvass surveys were conducted.

Fish Meal and Oil--Data are collected monthly on the domestic production of fish meal, body oil, fish solubles, and homogenized condensed fish. This information is released monthly and annually in the Bureau's Current Fishery Statistics series of bulletins.

Packaged Fish Trade--Statistics on the annual production and value of fish packaged in the United States, excluding the States of Alaska and Hawaii, are obtained in conjunction with the canned and industrial fishery products survey. These data are released annually in bulletin form and in the annual statistical digest. Statistics on the production of packaged fish are available for 1926 and annually since 1928, except that no data were collected in California for the years 1941 to 1946, inclusive.

Fish Sticks and Portions--Quarterly information is collected and published on

STATISTICAL SURVEY PROCEDURE

the production and value of cooked and raw fish sticks and breaded, cooked, and raw fish portions, and unbreaded fish portions. The data are released in the Bureau's Current Fishery Statistics series of bulletins.

Cold-Storage Holdings of Fish--Information on the monthly freezings and holdings of fishery products is obtained from cold storage warehouses by mail and by Bureau employees. Data are also obtained on the holdings of certain cured fish. Bulletins showing these statistics are issued monthly and annually.

Detailed cold-storage statistics also are published in the Bureau's annual statistical digest. Information regarding cold-storage holdings of fishery products has been published since 1917, while data on the quantity of fish frozen have been released for the years from 1920 to 1925, inclusive, and continuously since 1928.

Foreign Fishery Trade--Statistics on foreign fishery trade are obtained from compilations made by the Bureau of the Census, Department of Commerce. Statistics on all known imported or exported fishery products have been assembled and published annually since 1926 in the Bureau's statistical digest. For earlier years, figures are available in the reports of the Bureau of the Census, Bureau of Foreign and Domestic Commerce, the Bureau of Statistics, the Department of Commerce and Labor, or the Treasury Department.

PRACTICES AND TERMS

Certain practices and terms used in this report are explained below.

Operating Units--Operating units include persons employed in the fisheries, and craft and gear engaged in the fisheries.

Vessel--A craft having a capacity of 5 net tons or over.

Boat--A craft having a capacity of less than 5 net tons.

Days Absent--In computing "days absent" for vessels landing fares at certain Massachusetts ports, the day of arrival, but not the day of departure, is included; thus, a vessel leaving port on the 8th of the month and returning on the 15th of the month will be credited with 7 days absence. Prior to 1944, "days absent" included both the day of departure and the day of arrival.

Days Fished--In computing "days fished" for fishing craft landing shrimp at Gulf of Mexico ports, the total number of hours spent in fishing effort has been divided by 24.

Fish--The term "fish" as used in this report includes all species belonging to the class Pisces.

Shellfish, etc.--A shellfish is an aquatic invertebrate animal having a shell, such as a mollusk or crustacean. However, in order to reduce the classifications appearing in the catch tables, all items not properly listed as "Fish" or "Whale Products" have been included under "Shellfish, etc." Accordingly, turtles, frogs, sponges, seaweed, and worms are included under this classification.

Whale Products--Since data are not available on the poundage of whales taken, statistics appearing in catch tables on the yield of these mammals represent the weight of products produced such as meal, sperm oil, whale oil, etc. The values shown represent the amount received by the manufacturer for the products.

Incidental Catch--The term "incidental catch" refers to the catch of certain species by a type of gear which ordinarily does not capture such species.

Percentages--Percentages are usually shown as whole numbers. Fractions of percents are dropped if less than five-tenths, and the percentage is raised to the next higher integer if the fraction is greater than five-tenths. If the fraction is exactly five-tenths, odd integers are raised to the next even figure while even integers remain unchanged.

Converting--Many of the figures shown in the summary tables published herewith have been converted to thousands of pounds or thousands of dollars. In making these conversions the sum of the items in a table is raised or low-

STATISTICAL SURVEY PROCEDURE

ered to the nearest thousand in accordance with standard statistical procedures. The individual items are adjusted to conform to the total thus obtained.

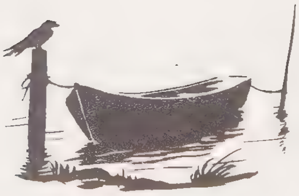
Confidential Data--The statistical data collected by the Bureau are confidential, and unless specific authorization is given, are not released in a manner that would divulge private enterprise.

CONVERSION FACTORS

It is the policy of the Bureau to show detailed catch figures of all products in pounds for the sake of uniformity and for purposes of comparison. This represents little difficulty in the case of fish, since in very rare instances are fish reported in units of measure other than pounds. For shellfish, however, the units of measure may be bushels, sacks, barrels, numbers, gallons of meats, etc. So many units make standardization difficult, and when combined with the wide variation in the requirements or definitions of some of these units in the various states, the problem becomes even more complex.

All univalve and bivalve mollusks (except fresh-water mussel shells) are reported in pounds of meats in the detailed catch tables presented in this report. In addition, there are included supplementary tables for most of the sections, which give data on the production in bushels. These supplementary tables also give the production in number of certain other shellfish, such as crabs. There also is included in the General Review section of this report a table containing data on the shell weight of univalve and bivalve mollusks taken.

Oysters--Probably the greatest problem in the presentation of fishery statistics in uniform units of measure is in the case of oysters. Usually the production of oysters on the Atlantic and Gulf Coasts is reported to Bureau personnel in bushels. Prior to the data obtained for the year 1930, bushels were converted to pounds of meats on the basis of a uniform yield of 7 pounds of meats to the bushel. However, it was found that there was considerable variation in the yield of oysters per bushel particularly in southern states where the yield has ranged as low as half the conversion factor used prior to 1930. There follows a table which gives the measures used for oysters in the various States and the average yields per bushel. The statistical tables in this report are based on these average yields.



STATISTICAL SURVEY PROCEDURE

MEASURES AND YIELD OF OYSTERS

STATE	CAPACITY OF STATE BUSHEL	VARIATION FROM U.S. STANDARD BUSHEL		YIELD OF MARKET OYSTERS, 1966	
				STATE BUSHEL	U.S. STANDARD BUSHEL
	CUBIC INCHES	CUBIC INCHES	PERCENT	POUNDS OF MEATS	POUNDS OF MEATS
MAINE.	2,150.4	-	-	7.50	7.50
MASSACHUSETTS.	2,150.4	-	-	6.50	6.50
RHODE ISLAND	2,150.4	-	-	7.00	7.00
CONNECTICUT.	2,150.4	-	-	7.70	7.70
NEW YORK	2,150.4	-	-	7.50	7.50
NEW JERSEY	2,257.3	+ 106.9	+ 5.0	6.33	6.03
DELAWARE	2,257.3	+ 106.9	+ 5.0	6.84	6.51
MARYLAND	2,800.7	+ 650.3	+ 30.2	6.31	4.85
VIRGINIA	3,003.9	+ 853.5	+ 39.7	6.44	4.61
NORTH CAROLINA	2,801.9	+ 651.5	+ 30.3	6.87	5.27
SOUTH CAROLINA	4,071.5	+ 1,921.1	+ 89.3	4.37	2.31
GEORGIA.	5,343.9	+ 3,193.5	+ 148.5	8.10	3.26
FLORIDA, EAST COAST. .	3,214.1	+ 1,063.7	+ 49.5	5.99	4.01
FLORIDA, WEST COAST. .	3,214.1	+ 1,063.7	+ 49.5	5.70	3.81
ALABAMA.	2,826.2	+ 675.8	+ 31.4	6.03	4.59
MISSISSIPPI.	2,826.2	+ 675.8	+ 31.4	5.28	4.02
LOUISIANA.	2,148.4	- 2.0	- 0.1	4.43	4.43
TEXAS.	2,700.0	+ 549.6	+ 25.6	6.31	5.02

AVERAGE YIELD OF CERTAIN MOLLUSKS, 1966

STATE	CLAMS								CONCHS	MUSSELS, SEA	PERIWINKLES AND COCKLES	SCALLOPS		
	HARD		OCEAN QUAHOG	RANGIA	RAZOR	SOFT	SURF					BAY	CALICO	SEA
	PUBLIC	PRIVATE												
MAINE.	11.00	-	-	-	-	15.00	-		-	15.00	18.00	-	-	6.00
MASSACHUSETTS.	11.00	11.00	-	-	16.00	13.00	11.00		15.00	10.00	-	6.00	-	6.00
RHODE ISLAND .	12.00	-	10.00	-	-	13.00	-		15.00	10.00	-	-	-	6.00
CONNECTICUT. .	12.00	12.00	-	-	-	13.00	-		15.00	-	-	-	-	-
NEW YORK . . .	12.00	12.00	-	-	16.00	16.00	17.00		16.00	10.00	-	6.00	-	6.00
NEW JERSEY . .	10.00	10.00	-	-	-	12.00	17.00		20.00	10.00	-	6.50	-	6.00
DELAWARE . . .	8.00	-	-	-	-	-	-		-	-	-	-	-	-
MARYLAND.. . .	8.00	-	-	-	-	12.00	17.00		20.00	-	-	-	-	-
VIRGINIA . . .	8.00	8.00	-	-	-	12.00	-		20.00	-	-	-	-	6.00
NORTH CAROLINA	8.75	-	-	8.10	-	-	-		-	-	-	4.00	4.00	-
SOUTH CAROLINA	8.75	-	-	-	-	-	-		-	-	-	-	-	-
FLORIDA, EAST COAST	8.00	-	-	-	-	-	-		-	-	-	-	-	-
FLORIDA, WEST COAST	8.50	-	-	-	-	-	-		-	-	-	4.30	-	-

AVERAGE NUMBER OF CRABS PER POUND, 1966

STATE	BLUE		GREEN	ROCK	STONE
	HARD	SOFT AND PEELER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
MAINE.	-	-	-	3.00	-
NEW HAMPSHIRE.	-	-	14.29	3.00	-
MASSACHUSETTS.	-	-	14.29	3.00	-
RHODE ISLAND	-	-	13.79	3.00	-
NEW JERSEY	2.40	3.43	-	3.00	-
DELAWARE	2.40	4.00	-	-	
MARYLAND	2.40	4.00	-	-	-
VIRGINIA	2.99	5.33	-	-	-
NORTH CAROLINA	3.00	4.00	-	-	-
SOUTH CAROLINA	4.00	-	-	-	-
GEORGIA.	3.50	-	-	-	-
FLORIDA, EAST COAST. .	2.00	4.00	-	-	1.00
FLORIDA, WEST COAST. .	2.06	4.00	-	-	1.00
ALABAMA.	2.00	-	-	-	-
MISSISSIPPI.	2.18	3.00	-	-	-
LOUISIANA.	2.00	3.00	-	-	-
TEXAS.	1.72	-	-	-	-

STATISTICAL SURVEY PROCEDURE

RECOVERY OF SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO HEADS-ON WEIGHT

ITEM	SOUTH ATLANTIC AND GULF CATCH		PACIFIC AND NORTH ATLANTIC CATCH	
	PERCENT RECOVERY FROM HEADS-ON WEIGHT	TO CONVERT TO HEADS-ON WEIGHT, MULTIPLY BY:	PERCENT RECOVERY FROM HEADS-ON WEIGHT	TO CONVERT TO HEADS-ON WEIGHT, MULTIPLY BY:
HEADLESS:				
BROWN (PENAEUS AZTECUS)	62.1	1.61	-	-
PINK (PENAEUS DUORARUM). . . .	62.5	1.60	-	-
WHITE (PENAEUS SETIFERUS). . .	64.9	1.54	-	-
ROYAL RED (HYMENOPENAEUS ROBUSTUS)	55.6	1.80	-	-
SEA BOBS (XIPHOPENAEUS KROYERI).	65.4	1.53	-	-
OTHER (MOSTLY PANDULUS SPECIES).	-	-	57.0	1.75
ALL SPECIES (WEIGHTED AVERAGE)	62.9	1.59	57.0	1.75
PEELED FANTAIL, RAW 1/	50.0	2.00	-	-
PEELED, RAW 1/	49.0	2.04	28.0	3.57
PEELED, COOKED 1/.	31.9	3.13	-	-
BREADED, RAW (INCLUDING FANTAIL) 1/	100.0	1.00	-	-
DRIED 1/	13.0	7.69	-	-
CANNED 1/.	31.2	3.21	16.0	6.25

1/ AVERAGE FOR ALL SPECIES.

NOTE:--EFFECTIVE IN 1962, THE CONVERSION FACTORS LISTED ABOVE BECAME THE BRANCH OF STATISTICS' FACTORS FOR CONVERTING VARIOUS SHRIMP PRODUCTS TO HEADS-ON (ROUND) WEIGHT.

RECOVERY OF PROCESSED SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO WEIGHT OF RAW BASIC PRODUCT, SOUTH ATLANTIC AND GULF STATES

BASIC PRODUCT, RAW	PROCESSED PRODUCT						
	HEADLESS RAW	PEELED FANTAIL RAW	PEELED RAW	PEELED COOKED	BREADED RAW	CANNED	DRIED
HEADS-ON (ROUND)	62.9%	50.0%	49.0%	31.9%	100.0%	31.2%	13.0%
FACTOR	1.59	2.00	2.04	3.13	1.00	3.21	7.69
HEADLESS	100.0%	79.6%	77.9%	50.7%	159.0%	49.6%	20.7%
FACTOR	1.00	1.26	1.28	1.97	0.63	2.02	4.83
PEELED	-	-	100.0%	65.1%	204.1%	63.7%	26.5%
FACTOR	-	-	1.00	1.54	0.49	1.57	3.77

SEE NOTE BELOW FOLLOWING TABLE.

RECOVERY OF PROCESSED SHRIMP PRODUCTS AND FACTORS FOR CONVERTING THEM TO WEIGHT OF RAW BASIC PRODUCT, PACIFIC AND NORTH ATLANTIC STATES

BASIC PRODUCT, RAW	PROCESSED PRODUCT		
	HEADLESS RAW	PEELED RAW	CANNED
HEADS-ON (ROUND)	57.0%	28.0%	16.0%
FACTOR	1.75	3.57	6.25
HEADLESS	100.0%	49.1%	28.1%
FACTOR	1.00	2.04	3.56
PEELED	-	100.0%	57.1%
FACTOR	-	1.00	1.75

NOTE:--THE QUANTITY OF PROCESSED PRODUCT MULTIPLIED BY THE FACTOR LISTED YIELDS THE WEIGHT OF BASIC PRODUCT REQUIRED TO PRODUCE THE PROCESSED PRODUCT.

OTHER CONVERSION FACTORS

ITEM	WHEN REPORTED AS	TO CONVERT TO:	MULTIPLY BY
OYSTERS.	GALLONS OF SHUCKED MEATS	POUNDS OF SHUCKED MEATS	8.75
CLAMS.	"	"	8.75
SCALLOPS	"	"	8.75
OILS, FISH AND WHALE	GALLONS	POUNDS	7.75
CRAB MEAT:			
BLUE	POUNDS	LIVE WEIGHT	7.14
DUNGENESS.	"	" "	4.17

FACTORS FOR CONVERTING IMPORT WEIGHT OF FISHERY PRODUCTS TO LIVE (ROUND) WEIGHT

ITEM	FACTOR
EDIBLE	
FRESH OR FROZEN:	
FISH:	
WHETHER OR NOT WHOLE (EXCEPT FILLETS, ETC.):	
FRESH-WATER:	
LAKE HERRING, CISCO, AND CHUB	1.06
LAKE TROUT	1.12
PIKE, EXCEPT YELLOW PIKE	1.12
SAUGER	1.00
TROUT (INCLUDING RAINBOW, BROOK, AND BROWN)	1.06
WHITEFISH	1.07
YELLOW PERCH	1.00
YELLOW PIKE	1.00
EELS	1.00
UNCLASSIFIED	1.02
SALT WATER:	
COD, ETC.	1.17
HALIBUT	1.33
MACKEREL	1.00
SALMON	1.18
SEA HERRING	1.00
SMELT	1.30
STURGEON	1.25
SWORDFISH	1.40
TUNA:	
ALBACORE:	
WHOLE	1.00
LOINS AND DISCS	2.75
OTHER	1.00
YELLOWFIN:	
WHOLE	1.00
GILLED AND GUTTED, HEADS-ON	1.11
GILLED AND GUTTED, HEADS-OFF	1.25
FILLETED	2.00
LOINS AND DISCS	2.75
OTHER	1.10
SKIPJACK:	
WHOLE	1.00
DRESSED	1.25
OTHER	1.10
OTHER, LOINS AND DISCS	2.75
UNCLASSIFIED	1.15
FILLETS, STEAKS AND BLOCKS:	
BLOCKS	3.55
FILLETS AND STEAKS:	
GROUNDFISH:	
COD	3.08
HADDOCK, HAKE, POLLOCK, AND CUSK	2.85
OCEAN PERCH	3.33
FLOUNDER	2.82
HALIBUT AND SALMON	1.96
SWORDFISH	1.52
WOLFFISH	2.86
OTHER, SALT-WATER	2.86
YELLOW PERCH	2.27
YELLOW PIKE	2.22
OTHER, FRESH-WATER	2.27
FISH STICKS, ETC.	2.96
SHELLFISH:	
CRABS, FRESH OR FROZEN	1.50
CRAB MEAT	4.50
LOBSTERS:	
COMMON:	
WHOLE	1.00
MEAT	4.50
SPINY:	
TAILS	3.00
MEAT	4.35
SHRIMP:	
BREADED	1.00
SHELL-ON, HEADS-OFF	1.59
PEELED, RAW	2.04
PEELED, COOKED	3.13
OTHER	1.74
CLAMS, IN SHELL OR SHUCKED	0.40
OYSTERS:	
EXCEPT SEED	0.75
OTHER, PRINCIPALLY SEED	-
SCALLOPS	1.00
FROG LEGS	3.00
TURTLES, LIVE	1.00
EDIBLE - CONTINUED	
CANNED:	
ANCHOVIES	2.00
SALMON	1.52
SARDINES:	
4-OUNCE CANS:	
STEEL	1.41
ALUMINUM	1.72
1-POUND CANS, STEEL	1.62
ESTIMATED AVERAGE FOR VARIOUS SIZE STEEL AND ALUMINUM CANS (1964)	1.58
HERRING	2.00
TUNA:	
IN OIL, ALBACORE	1.88
IN BRINE:	
ALBACORE	1.82
OTHER	2.08
BONITO AND YELLOWTAIL:	
IN OIL	2.85
IN BRINE	2.85
POLLOCK, SMOKED	2.00
ANTIPASTO	1.50
FISH CAKES, ETC.	0.60
CAVIAR	-
FISH PAST AND SAUCE	1.50
UNCLASSIFIED FISH	2.00
ABALONE	0.93
CLAMS:	
RAZOR AND OTHER	0.93
CHOWDER	0.30
CRAB MEAT	5.33
LOBSTER MEAT:	
COMMON	4.64
SPINY	4.50
SHRIMP	3.21
OYSTERS	0.93
SCALLOPS	0.93
SHELLFISH PASTE	2.00
UNCLASSIFIED SHELLFISH	3.00
CURED:	
DRIED:	
SHRIMP	7.69
COD, ETC.	4.88
SHARK FINS	-
UNCLASSIFIED	5.00
PICKLED OR SALTED:	
ALEWIVES	1.50
COD, ETC.:	
SKINNED OR BONED	4.50
OTHER	3.50
HERRING	2.22
MACKEREL	2.00
SALMON	1.50
UNCLASSIFIED	1.50
SMOKED OR KIPPERED:	
COD, ETC.:	
WHOLE, BEHEADED, ETC.	1.50
FILLETS, STEAKS, ETC.	3.40
HERRING:	
WHOLE OR BEHEADED:	
HARD DRY SMOKED	2.00
OTHER	1.50
BONED	4.50
MACKEREL	1.80
SALMON	1.66
UNCLASSIFIED	1.70
OTHER FISH AND SHELLFISH	1.50
INDUSTRIAL	
FISH MEAL:	
PERU AND CHILE:	
POUNDS	5.88
TONS	11,760
OTHER COUNTRIES:	
POUNDS	1/ 5.00
TONS	1/ 10,000
HERRING (BUREAU OF CUSTOMS DATA):	
BAIT	1.00
REDUCTION	1.00
CANNED, PET FOOD	1.00
PEARL ESSENCE	1.00

1/ FACTOR LOWERED TO COMPENSATE FOR IMPORTS OF MEAL PRODUCED FROM FILLET AND CANNERY TRIMMINGS.

NOTE:--THE FACTORS LISTED ARE FOR CONVERTING IMPORT WEIGHT TO POUNDS OF LIVE WEIGHT.

SOURCE:--UNPUBLISHED MANUSCRIPT ENTITLED, "LIVE (ROUND) WEIGHT OF FISHERY IMPORTS," BY E. A. POWER, STAFF SPECIALIST, DIVISION OF ECONOMICS.

STATISTICAL SURVEY PROCEDURE

COASTLINE OF THE UNITED STATES

Graphic measurements on lengths of coastline and tidal shoreline of the United States have been made from time to time by the U.S. Coast and Geodetic Survey on maps of various scales and in units of various lengths. The three types of measurement are explained in the following paragraphs.

GENERAL COASTLINE.--The figures under this heading are lengths of the general outline of the seacoast. The measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. The shoreline of bays and sounds is included to a point where such waters narrow to the width of the unit measure, and the distance across at such point is included.

TIDAL SHORELINE, GENERAL.--Measurements under this heading were made with a unit measure of 3 statute miles on charts of 1:200,000 and 1:400,000 scale when available. The shoreline of bays, sounds, and other bodies of water is included to a point where such waters narrow to a width of 3 statute miles, and the distance across at such point is included.

TIDAL SHORELINE, DETAILED.--The figures under this heading were obtained in 1939-40 with a recording measure on the largest scale maps and charts then available. Shoreline of bays, sounds, and other bodies of water is included to the head of tidewater, or to a point where such waters narrow to a width of 100 feet.

LENGTH OF COASTLINE

LOCALITY	LENGTHS IN STATUTE MILES		
	GENERAL COASTLINE	TIDAL SHORELINE, GENERAL	TIDAL SHORELINE, DETAILED
NEW ENGLAND:			
MAINE	228	676	3,478
NEW HAMPSHIRE . . .	13	14	131
MASSACHUSETTS . . .	192	453	1,519
RHODE ISLAND. . . .	40	156	384
CONNECTICUT	-	96	618
TOTAL NEW ENGLAND	473	1.395	6,130
MIDDLE ATLANTIC:			
NEW YORK.	127	470	1,850
NEW JERSEY.	130	398	1,792
PENNSYLVANIA. . . .	-	-	89
DELAWARE.	28	79	381
TOTAL MIDDLE ATLANTIC. . . .	285	947	4,112
CHESAPEAKE:			
MARYLAND.	31	452	3,190
VIRGINIA.	112	567	3,315
TOTAL CHESAPEAKE	143	1,019	6,505
SOUTH ATLANTIC:			
NORTH CAROLINA. . .	301	1,030	3,375
SOUTH CAROLINA. . .	187	758	2,876
GEORGIA	100	603	2,344
FLORIDA, EAST COAST	580	518	3,331
TOTAL SOUTH ATLANTIC. . . .	1,168	3,009	11,926
TOTAL ATLANTIC COAST	2,069	6,370	28,673

LOCALITY	LENGTHS IN STATUTE MILES		
	GENERAL COASTLINE	TIDAL SHORELINE, GENERAL	TIDAL SHORELINE, DETAILED
GULF:			
FLORIDA, WEST COAST	770	1,658	5,095
ALABAMA	53	199	607
MISSISSIPPI	44	155	359
LOUISIANA	397	985	7,721
TEXAS	367	1,100	3,359
TOTAL GULF COAST	1,631	4,097	17,141
PACIFIC:			
ALASKA.	6,640	15,132	33,904
WASHINGTON.	157	908	3,026
OREGON.	296	312	1,410
CALIFORNIA.	840	1,190	3,427
TOTAL PACIFIC COAST.	7,933	17,542	41,767
HAWAII.	750	900	1,052
TOTAL UNITED STATES .	12,383	28,909	88,633
U.S. TERRITORIES, POSSESSIONS, ETC.:			
BAKER ISLAND. . . .	3	3	3
CHRISTMAS ISLAND. .	80	90	188
GUAM ISLANDS. . . .	78	84	110
HOWLAND ISLAND. . .	4	4	4
JARVIS ISLAND . . .	5	5	5
JOHNSTON ISLAND . .	3	3	3
NAVASSA ISLAND. . .	5	5	5
PALMYRA ISLAND. . .	9	9	16
PANAMA CANAL ZONE .	20	20	126
PUERTO RICO	311	362	700
SAMOA ISLANDS . . .	76	91	126
SWAN ISLANDS. . . .	6	6	6
VIRGIN ISLANDS. . .	117	126	175
WAKE ISLAND	12	12	20

SOURCE:--U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

STATISTICAL SURVEY PROCEDURE

INLAND WATER AREAS BY STATES

Available information on the inland water surface area by States is listed below. These data include lakes, reservoirs and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water; and islands having less than 40 acres of area; does not include water surface of the oceans, bays, the Gulf of Mexico, Long Island Sound, Puget Sound, and the Straits of Juan de Fuca and Georgia.

Most of the inland waters are fresh water. There is no specific criterion for distinguishing between fresh water and saline water. The saline lakes are mainly in the Great Basin (nearly all of Nevada, the western half of Utah, and parts of Oregon, California, Idaho, and Wyoming,) which has no outlet to the ocean. In addition much of the water near the coast may range from fresh to salty, depending upon the geography of the area and to fluctuations in the tide.

INLAND WATER AREA BY STATES AND SQUARE MILES

STATES	SQUARE MILES
COASTAL	
NEW ENGLAND:	
MAINE	2,203
NEW HAMPSHIRE	290
MASSACHUSETTS	390
RHODE ISLAND	156
CONNECTICUT	110
TOTAL NEW ENGLAND	3,149
MIDDLE ATLANTIC:	
NEW YORK:	
LAKES ONTARIO AND ERIE	3,627
OTHER	1,637
NEW JERSEY	315
PENNSYLVANIA:	
LAKE ERIE	735
OTHER	326
DELAWARE	79
TOTAL MIDDLE ATLANTIC	6,719
CHESAPEAKE:	
MARYLAND	703
DISTRICT OF COLUMBIA	8
VIRGINIA	977
TOTAL CHESAPEAKE	1,688
SOUTH ATLANTIC AND GULF:	
NORTH CAROLINA	3,645
SOUTH CAROLINA	783
GEORGIA	602
FLORIDA	4,308
ALABAMA	549
MISSISSIPPI	493
LOUISIANA	3,417
TEXAS	4,499
TOTAL SOUTH ATLANTIC AND GULF	18,296
PACIFIC:	
ALASKA	15,335
WASHINGTON	1,483
OREGON	733
CALIFORNIA	2,120
HAWAII	9
TOTAL PACIFIC	19,680
INLAND	
EAST NORTH CENTRAL:	
VERMONT	333
OHIO:	
LAKE ERIE	3,457
OTHER	250
INDIANA:	
LAKE MICHIGAN	228
OTHER	106
INLAND - CONTINUED	
EAST NORTH CENTRAL - CONTINUED:	
ILLINOIS:	
LAKE MICHIGAN	1,526
OTHER	470
MICHIGAN:	
LAKES SUPERIOR, MICHIGAN, HURON, AND ERIE	38,459
OTHER	1,313
WISCONSIN:	
LAKES MICHIGAN AND SUPERIOR	10,062
OTHER	1,449
TOTAL EAST NORTH CENTRAL	57,653
WEST NORTH CENTRAL:	
MINNESOTA:	
LAKE SUPERIOR	2,212
OTHER	4,059
IOWA	258
MISSOURI	548
NORTH DAKOTA	1,208
SOUTH DAKOTA	669
NEBRASKA	615
KANSAS	216
TOTAL WEST NORTH CENTRAL	9,785
EAST SOUTH CENTRAL:	
WEST VIRGINIA	102
KENTUCKY	532
TENNESSEE	482
TOTAL EAST SOUTH CENTRAL	1,116
WEST SOUTH CENTRAL:	
ARKANSAS	605
OKLAHOMA	1,032
TOTAL WEST SOUTH CENTRAL	1,637
MONTANA MOUNTAIN:	
MONTANA	1,402
IDAHO	849
WYOMING	503
COLORADO	363
NEW MEXICO	156
ARIZONA	334
UTAH	2,577
NEVADA	752
TOTAL MONTANA MOUNTAIN	6,936
TOTAL:	
GREAT LAKES	60,306
OTHER	66,353
GRAND TOTAL	126,659

SOURCE: U. S. DEPARTMENT OF COMMERCE, BUREAU OF CENSUS; STATISTICAL ABSTRACT OF THE UNITED STATES, 1964.

SECTION 15 - GLOSSARY

In order to prevent misunderstanding in the use of common names employed in the tables and discussions, the following list of common and scientific names is given for fish, shellfish, and other aquatic products taken by United States fishermen.

Common names as shown in Bureau reports	Other common names	Scientific names
FISH		
Alewives	Branch herring, big-eyed herring, river herring	*Alosa pseudoharengus*
	Blueback, glut herring, shad herring	*Alosa aestivalis*
Amberjack	Jack	*Seriola* species
Anchovies		*Engraulis mordax* (Pacific)
Angelfish		*Pomacanthus* species *Angelichthys* species
Anglerfish	Goosefish, allmouth, headfish, monkfish, bellyfish	*Lophius americanus*
Ballyhoo	Balao	*Hemiramphus brasiliensis*
Barracuda		*Sphyraena* species
Bluefish	Tailor, skipjack	*Pomatomus saltatrix*
Blue pike	Pike perch, hard pike, blue pickerel (Canada)	*Stizostedion vitreum glaucum*
Blue runner	Runner, hardtail, crevalle	*Caranx crysos*
Bonito		*Sarda sarda* (Atlantic) *Sarda chiliensis* (Pacific)
Bowfin	Fresh-water dogfish, grindle	*Amia calva*
Brown trout		*Salmo trutta*
Buffalofish	Winter carp	*Ictiobus* species
Burbot	Lawyer, ling	*Lota lota*
Butterfish		*Poronotus triacanthus*
Cabezone	Marbled sculpin	*Scorpaenichthys marmoratus*
Cabio	Black bonito, cobia, ling, lemonfish	*Rachycentron canadus*
Cabrilla	Rock bass	*Epinephelus analogus* (Pacific)
Carp	German carp, summer carp	*Cyprinus carpio*
Catfish and bullheads		*Ictalurus* species *Pylodictis olivaris*
Chubs	Longjaw, bluefin, blackfin (United States), tullibee (Canada)	All *Leucichthys* except *artedi* (Great Lakes)
Cigarfish	Scad	*Decapterus punctatus*
Cisco	Herring (Canada)	*Leucichthys artedi* (Lake Erie only)
Cod	Codfish	*Gadus morhua* (Atlantic) *Gadus macrocephalus* (Pacific)
Crappie	White crappie, calico bass	*Pomoxis annularis*
	Black crappie	*Pomoxis nigromaculatus*
Crevalle	Common jack, jackfish	*Caranx hippos*
Croaker	Crocus, hardhead	*Micropogon undulatus*
Cunner	Chogset, blue perch, bergall	*Tautogolabrus adspersus*
Cutlassfish	Silver eel	*Trichiurus lepturus*
Cusk		*Brosme brosme*
Dolly Varden trout	Salmon trout, bull trout	*Salvelinus malma*
Dolphin		*Corphaena hippurus*
Drum:		
Black	Oyster cracker, oyster drum, sea drum	*Pogonias cromis*
Red	Channel bass, redfish, spotted bass	*Sciaenops ocellata*

(Continued on next page)

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Eel:		
Common		*Anguilla rostrata*
Conger		*Conger oceanicus*
Flounders:		
Atlantic and Gulf Coasts:		
Gray sole		*Glyptocephalus cynoglossus*
Lemon sole	(weighing over 3-1/2 pounds each)	*Pseudopleuronectes americanus*
Blackback	Winter flounder (weighing under 3-1/2 pounds each)	
Yellowtail	Dab	*Limanda ferruginea*
Dab	Sea dab	*Hippoglossoides platessoides*
Fluke	Summer flounder, gulf flounder, flounder	*Paralichthys* species
Pacific Coast:		
Arrowtooth halibut		*Atheresthes stomias*
California halibut		*Paralichthys californicus*
Sand dabs		*Citharichthys sordidus*
"Sole":		
Dover		*Microstomus pacificus*
English		*Parophrys vetulus*
Petrale		*Eopsetta jordani*
Rex		*Glyptocephalus zachirus*
Sand		*Psettichthys melanostictus*
Unclassified		Pleuronectidae and Bothidae
Flying fish		*Cypselurus* species
Garfish	Gar, sea gar	*Lepisosteus* species
Gizzard shad	Nanny shad, mud shad, winter shad	*Dorosoma cepedianum*
Goldfish	Sand perch, gold perch	*Carassius auratus*
Groupers	"Sea bass"	*Epinephelus* species *Mycteroperca* species
Grunts	Margate fish, sailors' choice	*Haemulon* species
Haddock		*Melanogrammus aeglefinus*
Hake:		
Red	Squirrel hake, ling, black hake, mud hake	*Urophycis chuss* (Atlantic)
White	Hake	*Urophycis tenuis* (Atlantic)
Pacific	Merluccio	*Merluccius productus* (Pacific)
Halfmoon	Rudder fish	*Medialuna californiensis*
Halibut		*Hippoglossus hippoglossus* (Atlantic) *Hippoglossus stenolepis* (Pacific)
Hardhead	Sacramento rockfish	*Orthodon microlepidotus* (Pacific)
Harvestfish	Starfish, dollarfish, pappyfish, butterfish (N.C.)	*Peprilus paru*
Herring:		
Lake	Herring	*Leucichthys artedi* (Great Lakes except Erie)
Sea		*Clupea harengus* (Atlantic) *Clupea pallasii* (Pacific)
Thread		*Opisthonema oglinum*

(Continued on next page)

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Hickory shad	Tailor shad, skip, autumnal herring	*Alosa mediocris*
Hogchoker		*Trinectes maculatus*
Hogfish	Capitaine, perro perro	*Lachnolaimus maximus*
Jack mackerel	Horse mackerel	*Trachurus symmetricus*
Jewfish		*Promicrops itaiara*
King croaker	Kingfish, white croaker	*Genyonemus lineatus*
King mackerel	Cero, kingfish	*Scomberomorus cavalla* *Scomberomorus regalis*
King whiting or "kingfish".	Whiting, sea mink, ground mullet	*Menticirrhus* species
Lake trout		*Salvelinus namaycush*
Lamprey		*Petromyzon marinus* (Atlantic) *Lampetra tridentatas* (Pacific)
Launce	Sand eel, lant, sand launce	*Ammodytes americanus*
Lingcod	Cultus cod, blue cod, buffalo cod, ling	*Ophiodon elongatus*
Boston mackerel		*Scomber scombrus* (Atlantic)
Pacific mackerel		*Scomber japonicus*
Menhaden	Mossbunker, pogy, fatback	*Brevoortia* species
Minnows		Cyprinidae
Mojarra	Sand perch, sand bream	Gerridae
Mooneye	Goldeye, toothed herring	*Hiodon* species
Mullet	Jumping mullet, striped mullet, silver mullet	*Mugil* species
Muttonfish	Mutton snapper	*Lutjanus analis*
Ocean perch:		
Atlantic	Rosefish, redfish, red perch	*Sebastes marinus*
Pacific		*Sebastodes alutus*
Ocean pout	Eelpout, sea pout	*Macrozoarces americanus*
Opaleye		*Girella nigricans*
Paddlefish	Spoonbill cat	*Polyodon spathula*
Perch	Surffish	Embiotocidae (Pacific)
Permit		*Trachinotus goodei*
Pigfish	Hogfish (N.C.)	*Orthopristis chrysopterus*
Pike or pickerel	Great Lakes pike	*Esox* species
Pinfish	Bream, salt-water bream	*Lagodon rhomboides*
Pollock	Boston bluefish	*Pollachius virens* (Atlantic)
Pompano		*Trachinotus* species (Atlantic) *Palometa simillima* (Pacific)
Quillback	Spearfish or skimfish	*Carpiodes* species
Ratfish		*Hydrolagus colliei*
Rock bass	Redeye, goggle-eye, groupers, sand bass	*Ambloplites rupestris* (fresh-water) *Paralabrax nebulifer* (Pacific)
Rockfishes	Rock cod, snapper	*Sebastodes* species (Pacific)
Sablefish	Black cod	*Anoplopoma fimbria*
Salmon:		
Atlantic		*Salmo salar* (Atlantic)
Pacific:		
Chinook or king	Tyee, spring	*Oncorhynchus tshawytscha*
Chum or keta	Fall, dog	*Oncorhynchus keta*
Pink	Humpback	*Oncorhynchus gorbuscha*
Red or sockeye	Blueback	*Oncorhynchus nerka*
Silver or coho		*Oncorhynchus kisutch*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Sand perch	Yellowtail, silver perch	*Bairdiella chrysura*
Sardine (Pacific)	Pilchard	*Sardinops caerulea* (Pacific)
Sauger	Sand pike	*Stizostedion canadense*
Saury	Mackerel-pike	*Cololabis saira*
Sawfish		*Pristis pectinatus*
Sculpin	Scorpionfish	*Myoxocephalus* species
Scup or porgy	Porgee, paugy, fair maid	*Calamus and Stenotomus* species
Sea bass:		
Black	Black jewfish (Pacific)	*Stereolepis gigas*
	Blackfish (Atlantic)	*Centropristes striatus*
White		*Cynoscion nobilis* (Pacific)
Sea catfish	Gafftopsail	*Bagre marinus*
Sea robin		*Prionotus* species
Sea trout or weakfish:		
Gray	Gray trout, squeteague	*Cynoscion regalis*
Spotted	Spotted trout, speckled trout	*Cynoscion nebulosus*
White	White trout, sand trout	*Cynoscion arenarius*
Shad	American shad, white shad	*Alosa sapidissima*
Sharks:		
Grayfish	Dogfish, spiny and smooth dog	*Squalus* and *Mustelus* species
Soupfin		*Galeorhinus zyopterus*
Other		*Carcharodon, Carcharias, Sphryna, Prionace and Lamna* species
Sheepshead:		
Fresh-water	Fresh-water drum, gaspergou, gou	*Aplodinotus grunniens*
Salt-water		*Archosargus* species (Atlantic)
	California redfish, fathead	*Pimelometopon pulcher* (Pacific)
Sierra		*Scomberomorus sierra* (Pacific)
Silversides	Spearing	*Menidia* species
Skates	Ray, rajafish	*Raja* species
Smelt		*Osmerus mordax* (Atlantic and Great Lakes), Atherinidae and Osmeridae (Pacific)
	Eulachon	*Thaleichthys pacificus*
Snapper:		
Mangrove	Gray snapper	*Lutjanus griseus*
Red		*Lutjanus blackfordii*
Vermilion		*Rhomboplites* species
Yellowtail		*Ocyurus chrysurus*
Snook	Robalo, sergeantfish, pike	*Centropomus undecimalis*
Spadefish	Angelfish	*Chaetodipterus faber*
Spanish mackerel	Mackerel	*Scomberomorus maculatus*
Spanish sardine		*Sardinella anchovia*
Splittail		*Pogonichthys macrolepidotus*
Spot	Lafayette, goody	*Leiostomus xanthurus*
Steelhead trout	Salmon trout	*Salmo gairdneri*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Striped bass	Rockfish, rock	*Roccus saxatilis*
Sturgeon:		
Common		*Acipenser* species
Shovelnose		*Scaphirhynchus platorynchus*
Suckers	Fresh-water mullet, redfin, bayfish	*Catostomus* species
Sunfish	Bream, perch, bluegill	*Lepomis* species
Swellfish	Puffer, swell toad, globefish, blowfish	*Sphaeroides maculatus*
Swordfish		*Xiphias gladius*
Tautog	Blackfish, oysterfish	*Tautoga onitis*
Tenpounder	Big-eyed herring, ladyfish	*Elops saurus*
Thimble-eyed mackerel	Chub mackerel, bullseye mackerel	*Pneumatophorus colias*
Tilefish		*Lopholatilus chamaeleonticeps*
Tomcod	Frost fish	*Microgadus tomcod* (Atlantic) *Microgadus proximus* (Pacific)
Triggerfish		*Balistes* species
Tripletail	Sunfish (N.C.), blackfish	*Lobotes surinamensis*
Tullibee	(See chubs)	
Tuna:		
Albacore	Longfin tuna	*Thunnus alalunga*
Bluefin	Horse mackerel	*Thunnus thynnus*
Little	Bonito, albacore, false albacore	*Euthynnus alletteratus*
Skipjack	Striped tuna	*Katsuwonus pelamis*
Yellowfin		*Thunnus albacares*
Turbot		Pleuronectidae (Pacific)
Wahoo		*Acanthocybium solandri*
Warsaw	Black Jewfish	*Garrupa nigrita*
Whitebait	Silversides	*Menidia beryllina* (Atlantic) Small fry of several species (Pacific)
White bass	White lake bass	*Roccus chrysops*
Whitefish:		
Common		*Coregonus clupeaformis*
Menominee		*Prosopium quadrilaterale*
White perch		*Morone americana*
Whiting	Silver hake	*Merluccius bilinearis*
Wolffish	Ocean catfish (New England)	*Anarhichas lupus*
Yellow bass	Bar fish	*Roccus mississippiensis*
Yellow perch	Ringed perch, perch	*Perca flavescens*
Yellow pike	Wall-eyed pike, pike perch, dore (Canadian).	*Stizostedion vitreum vitreum*
Yellowtail	(For Atlantic, see snapper, yellowtail)	*Seriola dorsalis* (Pacific)
CRUSTACEANS		
Crabs:		
Blue:		
Hard	Hard-shell crab	*Callinectes sapidus*
Soft and peeler	Soft-shell crab	
Dungeness		*Cancer magister*
King	Alaska king crab	*Paralithodes camschatica*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
CRUSTACEANS - Continued		
Crabs: - Continued		
Rock		*Cancer irroratus* (New England) *Cancer* species (California)
Stone		*Menippe mercenaria*
Crawfish:		
Fresh-water	Crayfish	*Cambarus* species (Atlantic) *Astacus* species (Pacific)
Salt-water	(See lobsters, spiny)	
Horseshoe crab	King crab	*Limulus* species
Lobsters:		
Northern		*Homarus americanus* (Atlantic)
Spiny	Sea crawfish, rock lobster	*Panulirus argus* (Atlantic) *Panulirus interruptus* (Pacific)
Shrimp	Prawn	*Penaeus*, *Pandalus*, and *Xiphopenaeus* (Atlantic), *Pandalus*, *Pandalopsis*, and *Crangon* species (Pacific)
MOLLUSKS		
Abalone		*Haliotis* species
Clams:		
Cockle		*Cardium corbis* (Pacific)
Hard	Butter	*Saxidomus nuttalli* (Pacific)
	Little neck	*Protothaca staminea* (Pacific)
	Round clam, cherrystone, quahog, little neck	*Venus mercenaria*, *Mercenaria mercenaria*
Ocean quahog		*Arctica islandica*
Razor		*Ensis* species (Atlantic) *Siliqua patula* (Pacific)
Soft	Soft-shell clam, sand clam, nannynose, maninose	*Mya arenaria*
Surf	Skimmer	*Spisula solidissima*
Conchs		*Strombus* species *Busycon* species
Mussels:		
Sea		*Mytilus californianus* (Pacific) *Mytilus edulis* (Atlantic)
Fresh-water:		
Mussel shells		Unionidae
Pearls and slugs		
Octopus	Devilfish	*Paroctopus appollyon*
Oysters:		
Eastern	Cove	*Crassostrea virginica*
Pacific	Japanese	*Crassostrea gigas*
Western	Olympia, native	*Ostrea lurida*
Periwinkles or cockles		*Littorina* species
Scallops:		
Bay		*Pecten* species (Atlantic) *Pecten caurinus* (Pacific)
Sea		*Placopecten magellanicus*

(Continued on next page)

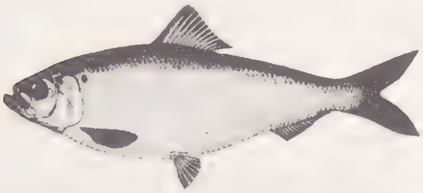
GLOSSARY

Common names as shown in Bureau reports	Other Common names	Scientific names
MOLLUSKS - Continued		
Squid	Inkfish, bone squid, taw taw	*Loligo opalescens* (Pacific) *Loligo pealii* (Atlantic)
OTHER		
Sea urchins	Sea eggs	*Strongylocentrotus drobachiensis*
Terrapin	Diamond-back terrapin	*Malaclemys* species
Turtles:		
Baby		(Young of fresh-water species)
Green		*Chelonia mydas*
Loggerhead		*Caretta* species
Sliders		*Pseudemys* species
Snapper	Hard-shell, alligator turtle	*Chelydra serpentina* *Macrochelys temmickii*
Soft-shell		*Amyda* species
Frogs		*Rana* species
Irish moss		*Chondrus crispus*
Kelp		*Macrocystis* species
Sponges:		
Glove		*Hippiospongia conaliculata*
Grass		*Spongia graminea*
Sheepswool	Wool	*Hippiospongia lachne*
Yellow		*Spongia barbara*
Whales:		
Blue		*Balaenoptera musculus*
Bottlenose		*Berardius bairdi*
Fin		*Balaenoptera physalus*
Humpback		*Megaptera* species
Sei		*Balaenoptera borealis*
Sperm		*Physeter catodon*
Bloodworms		Glyceridae
Sandworms		*Nereis* species

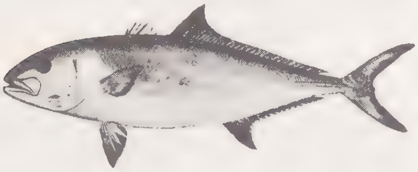
SECTION 16 - PICTORIAL SECTION

As many of the readers of this publication may not be familiar with all of the species of fish and shellfish, etc., taken commercially in the United States, illustrations of many of the various species are included in the following pages. The descriptive material appearing with each species includes the areas in which commercial landings are made in the United States and does not constitute the extreme limits in which they occur. Similarly, the gear listed for each species do not represent the only types of apparatus by which these species are obtained, but represent those types which are normally used in their capture. The gear do not necessarily appear in the order of their importance. Illustrations of species landed in Hawaii are not included in this section.

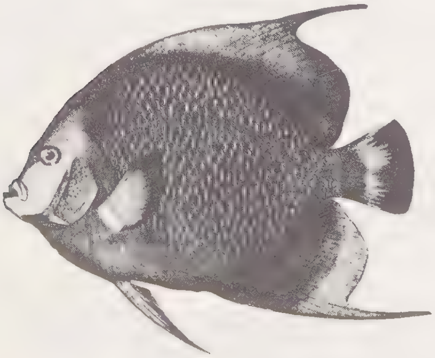
For more detailed information on the nomenclature of the fishery products listed below, the reader is referred to Section 15 of this publication entitled, "Glossary."



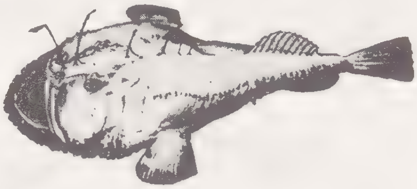
ALEWIFE
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, GILL NETS, WEIRS,
DIP NETS, HAUL SEINES, FLOATING TRAPS,
FYKE NETS



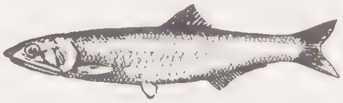
AMBERJACK
RANGE - FLORIDA
GEAR - HANDLINES, TROLL LINES



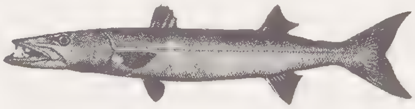
ANGELFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



ANGLERFISH
RANGE - NEW JERSEY TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS



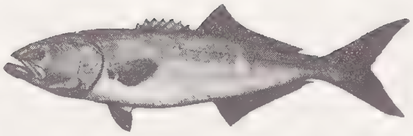
ANCHOVY
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES AND HAUL SEINES



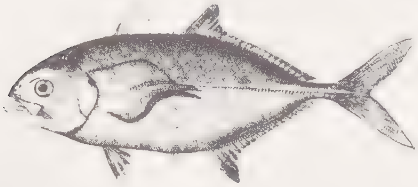
BARRACUDA (ATLANTIC)
RANGE - FLORIDA
GEAR - TROLL LINES, HANDLINES

BARRACUDA (PACIFIC)
RANGE - CALIFORNIA
GEAR - PURSE SEINES, LONGLINES, HANDLINES,
TROLL LINES, GILL AND TRAMMEL NETS

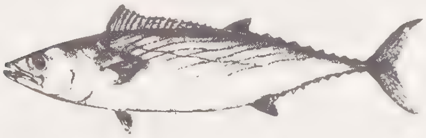
PICTORIAL SECTION



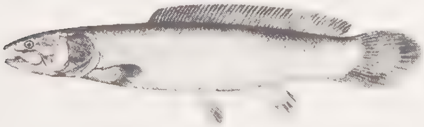
BLUEFISH
RANGE - GULF OF MEXICO TO NEW ENGLAND
GEAR - HAUL SEINES, GILL NETS, POUND NETS, TROLL LINES, PURSE SEINES



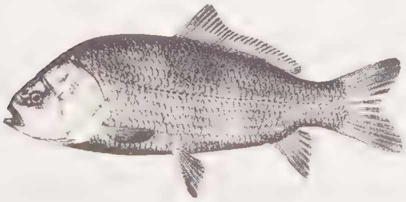
BLUE RUNNER OR HARDTAIL
RANGE - GULF OF MEXICO
GEAR - HAUL SEINES, GILL NETS, POTS



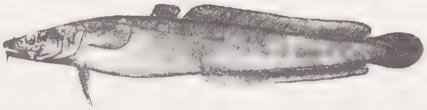
BONITO (ATLANTIC)
RANGE - NORTH CAROLINA TO MASSACHUSETTS
GEAR - POUND NETS, TROLL LINES, GILL NETS



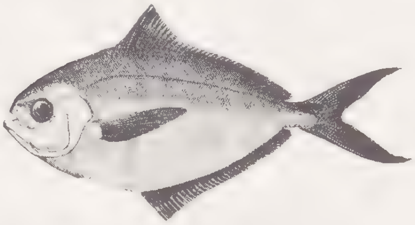
BOWFIN
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



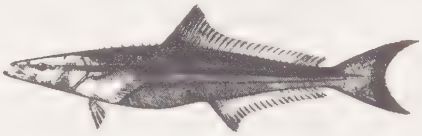
BUFFALOFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, FYKE NETS, TRAMMEL NETS, TROTLINES



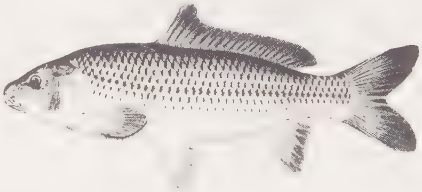
BURBOT
RANGE - GREAT LAKES
GEAR - GILL NETS, FYKE NETS, POUND NETS, TRAP NETS



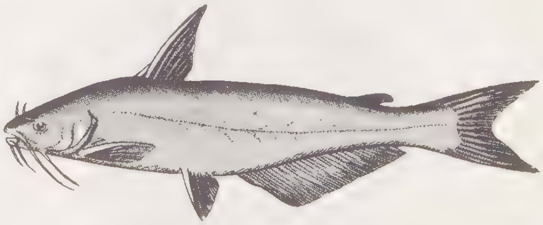
BUTTERFISH
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS



CABIO
RANGE - FLORIDA TO VIRGINIA
GEAR - HANDLINES, POUND NETS



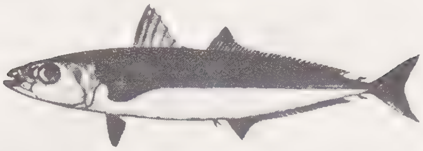
CARP
RANGE - FRESH-WATER
GEAR - HAUL SEINES, GILL NETS, TRAP NETS, FYKE NETS, POUND NETS, TROTLINES



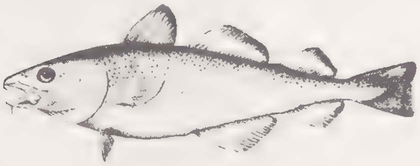
CATFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROTLINES, POUND NETS, POTS, FYKE NETS

PICTORIAL SECTION

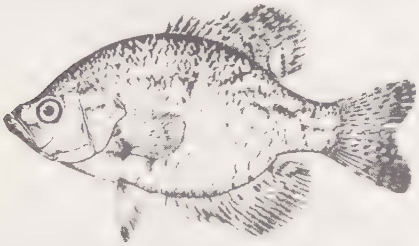
CHUB
RANGE - GREAT LAKES
GEAR - GILL NETS



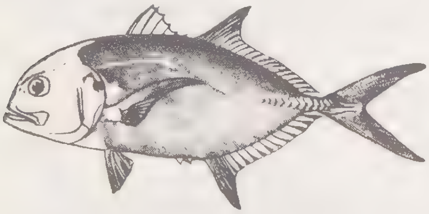
CIGARFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



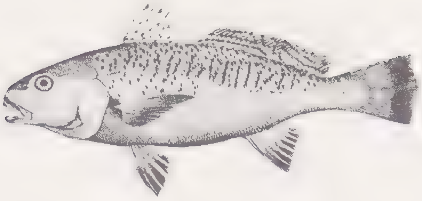
COD
RANGE - VIRGINIA TO MAINE, WASHINGTON, AND ALASKA
GEAR - OTTER TRAWLS, LONGLINES, GILL NETS



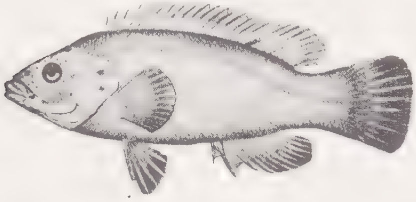
CRAPPIE
RANGE - FRESH-WATER LAKES
GEAR - HAUL SEINES, LINES, POTS



CREVALLE
RANGE - SOUTH ATLANTIC AND GULF STATES
GEAR - HAUL SEINES, GILL NETS, LINES

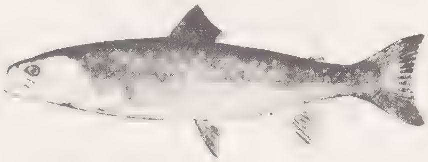


CROAKER
RANGE - GULF OF MEXICO TO NEW YORK
GEAR - POUND NETS, OTTER TRAWLS, HAUL SEINES, GILL NETS

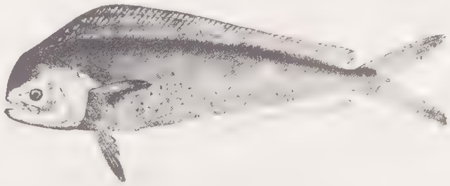


CUNNER
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, HANDLINES

CUSK
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, LONGLINES

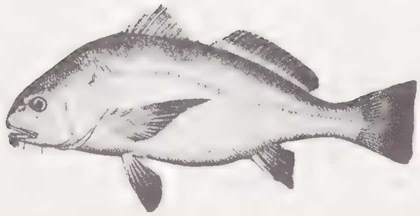


DOLLY VARDEN TROUT
RANGE - PACIFIC
GEAR - POUND NETS, GILL NETS, LINES

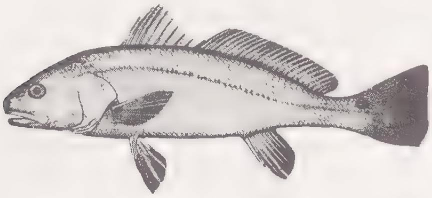


DOLPHIN
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - TROLL LINES

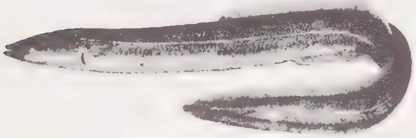
PICTORIAL SECTION



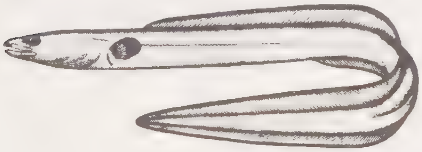
DRUM, BLACK
RANGE - TEXAS TO NORTH CAROLINA
GEAR - HAUL SEINES, POUND NETS, LINES



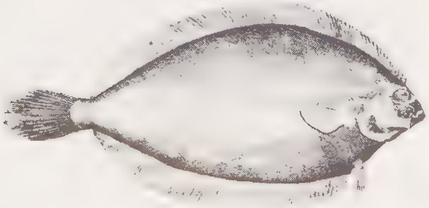
DRUM, RED
RANGE - TEXAS - MARYLAND
GEAR - POUND NETS, HAUL SEINES, GILL NETS, LINES



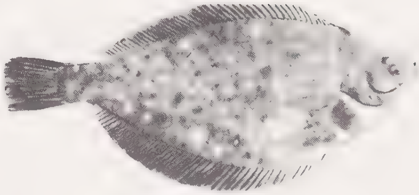
EEL, COMMON
RANGE - FLORIDA TO NEW ENGLAND AND IN MISSISSIPPI RIVER, LAKE ONTARIO
GEAR - POTS, SPEARS, POUND NETS



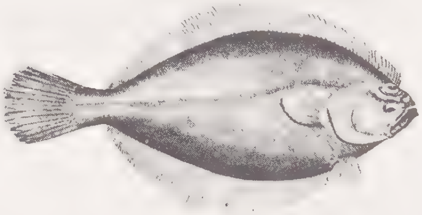
EEL, CONGER
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS



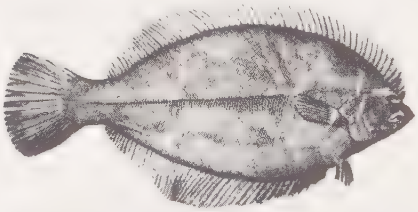
GRAY SOLE
RANGE - MASSACHUSETTS TO MAINE
GEAR - OTTER TRAWLS



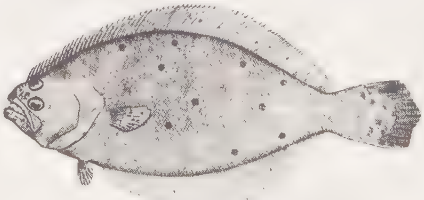
LEMON SOLE
RANGE - NEW YORK TO MAINE
GEAR - OTTER TRAWLS



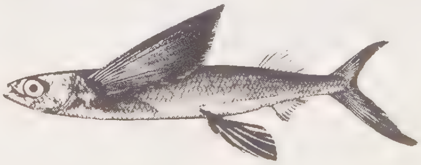
DAB
RANGE - MASSACHUSETTS TO NOVA SCOTIA
GEAR - OTTER TRAWLS, LONGLINES



BLACKBACK OR WINTER FLOUNDER
RANGE - NORTH CAROLINA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS, FYKE NETS, SPEARS, LINES

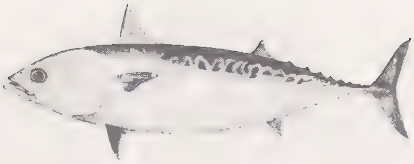


FLUKE
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWL, SPEARS, LINES

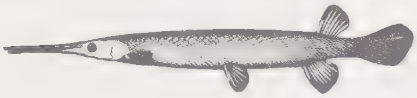


FLYING FISH
RANGE - PACIFIC AND ATLANTIC OCEANS
GEAR - GILL NETS

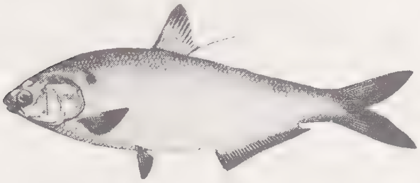
PICTORIAL SECTION



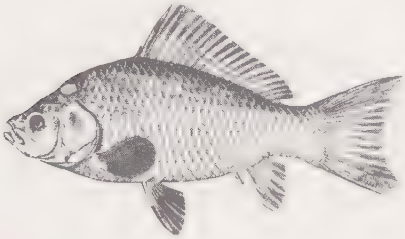
FRIGATE MACKEREL
RANGE - MIDDLE ATLANTIC
GEAR - POUND NETS



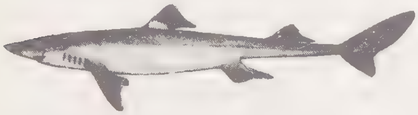
GARFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, LINES



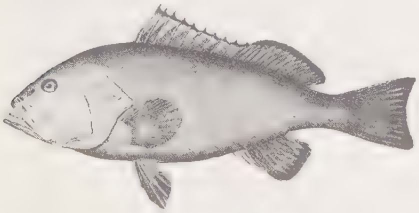
GIZZARD SHAD
RANGE - NORTH CAROLINA TO MARYLAND,
GREAT LAKES
GEAR - HAUL SEINES, POUND NETS, GILL NETS



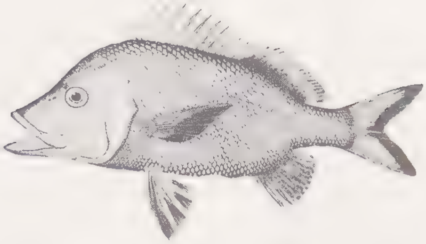
GOLDFISH
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



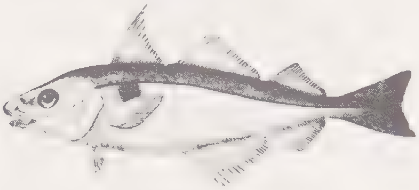
GRAYFISH
RANGE - PACIFIC
GEAR - LONGLINES, OTTER TRAWLS, GILL NETS



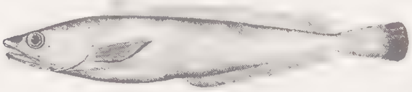
GROUPER
RANGE - TEXAS TO SOUTH CAROLINA
GEAR - HANDLINES, POTS



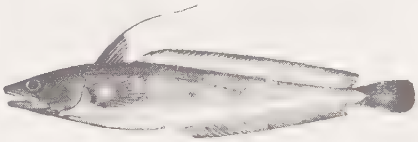
GRUNT
RANGE - FLORIDA
GEAR - POTS, GILL NETS, LINES



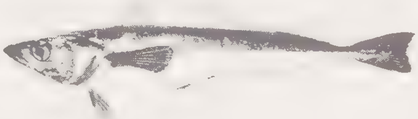
HADDOCK
RANGE - NEW ENGLAND STATES
GEAR - OTTER TRAWLS, GILL NETS, LONGLINES



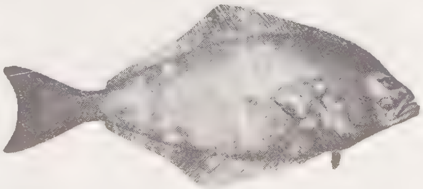
HAKE, RED
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS, OTTER TRAWLS, LONGLINES



HAKE, WHITE
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS, OTTER TRAWLS, LONGLINES

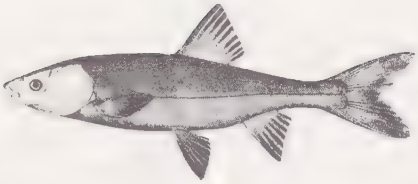


HAKE (PACIFIC)
RANGE - PACIFIC
GEAR - OTTER TRAWLS

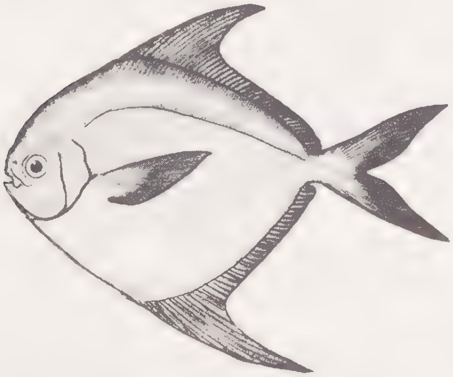


HALIBUT
RANGE - PACIFIC COAST - NEW ENGLAND
GEAR - LONGLINES, OTTER TRAWLS

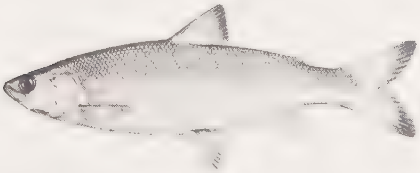
PICTORIAL SECTION



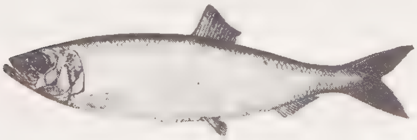
HARDHEAD
RANGE - CALIFORNIA
GEAR - FYKE NETS



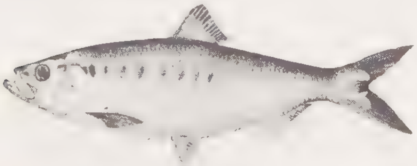
HARVESTFISH OR "STARFISH"
RANGE - NORTH CAROLINA TO CHESAPEAKE BAY
GEAR - HAUL SEINES, POUND NETS



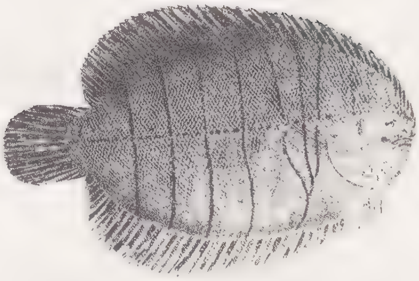
HERRING, LAKE
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, POUND NETS, TRAP NETS



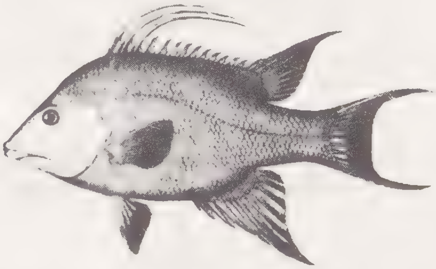
HERRING, SEA
RANGE - NEW JERSEY TO NEW ENGLAND, PACIFIC COAST STATES AND ALASKA
GEAR - PURSE SEINES, WEIRS, FLOATING TRAPS, STOP SEINES



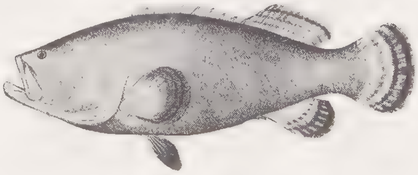
HICKORY SHAD
RANGE - FLORIDA TO RHODE ISLAND
GEAR - POUND NETS, HAUL SEINES, GILL NETS FLOATING TRAPS



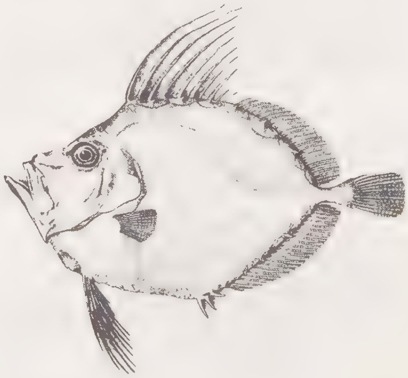
HOGCHOKER
RANGE - CHESAPEAKE BAY
GEAR - POUND NETS, HAUL SEINES



HOGFISH
RANGE - FLORIDA
GEAR - LINES

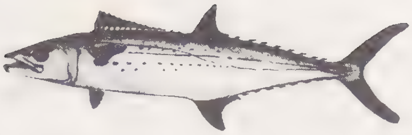


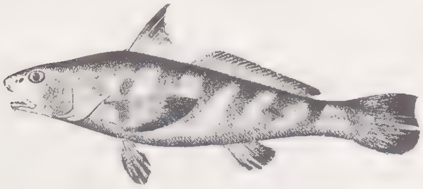
JEWFISH
RANGE - FLORIDA
GEAR - HANDLINES

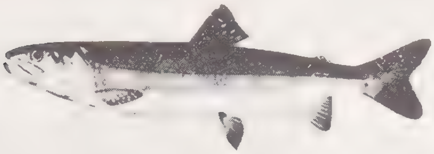


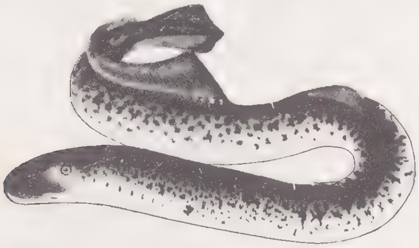
JOHN DORY
RANGE - MIDDLE ATLANTIC STATES
GEAR - OTTER TRAWLS

PICTORIAL SECTION

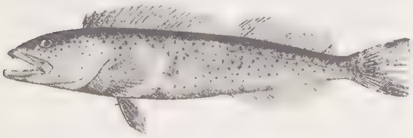

KING MACKEREL
RANGE - TEXAS TO NEW YORK
GEAR - TROLL LINES, GILL NETS, HANDLINES

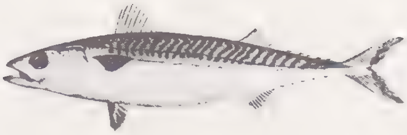

KING WHITING
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWLS, HAUL SEINES, POUND NETS

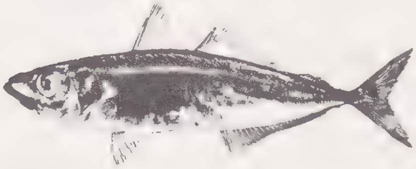

LAKE TROUT
RANGE - GREAT LAKES
GEAR - GILL NETS, LINES, POUND NETS (TRAP NETS)


LAMPREY
RANGE - FRESH-WATER
GEAR - POTS, FYKE NETS

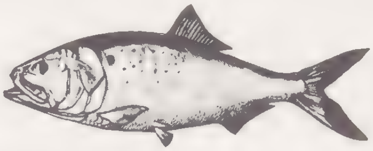
LAUNCE
RANGE - NEW ENGLAND
GEAR - HAUL SEINES

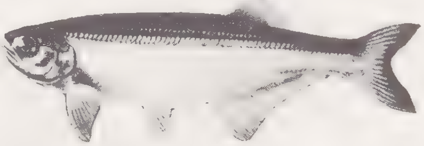

LINGCOD
RANGE - CALIFORNIA TO ALASKA
GEAR - OTTER TRAWLS, LONGLINES, HANDLINES

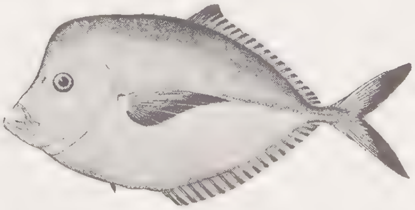

MACKEREL, ATLANTIC
RANGE - CHESAPEAKE BAY TO MAINE
GEAR - PURSE SEINES, GILL NETS, POUND NETS,
FLOATING TRAPS

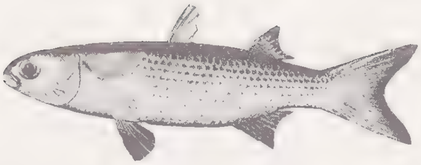

MACKEREL, JACK
RANGE - CALIFORNIA
GEAR - LINES, SEINES, LAMPARA NETS

MACKEREL, PACIFIC
RANGE - CALIFORNIA
GEAR - LINES, SEINES, LAMPARA NETS

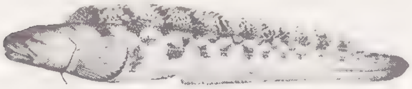

MENHADEN
RANGE - GULF OF MEXICO TO NEW ENGLAND
GEAR - PURSE SEINES, POUND NETS


MOONEYE
RANGE - GREAT LAKES
GEAR - HAUL SEINES

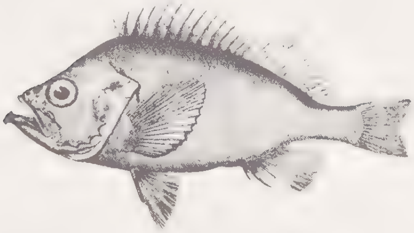

MOONFISH
RANGE - FLORIDA
GEAR - HANDLINES, HAUL SEINES



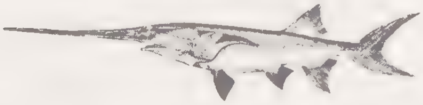
MULLET
RANGE - TEXAS TO NEW JERSEY
GEAR - GILL NETS, HAUL SEINES, POUND NETS,
CAST NETS



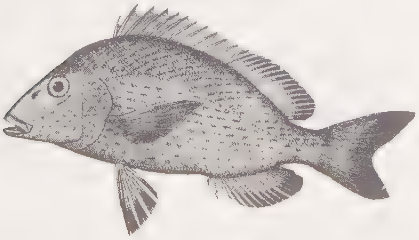
OCEAN POUT
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS



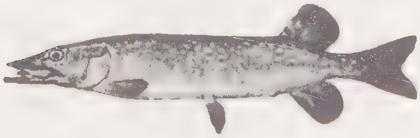
OCEAN PERCH
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS



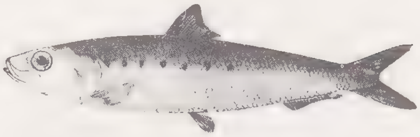
PADDLEFISH
RANGE - GULF OF MEXICO, MISSISSIPPI RIVER
GEAR - HAUL SEINES, TROTLINES



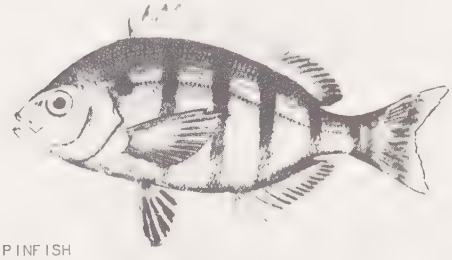
PIGFISH
RANGE - FLORIDA
GEAR - POTS, HANDLINES, GILL NETS



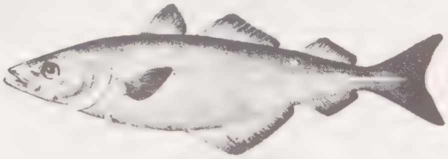
PIKE OR PICKEREL
RANGE - FRESH-WATER
GEAR - TRAP NETS, FYKE NETS, GILL NETS,
POUND NETS, HANDLINES



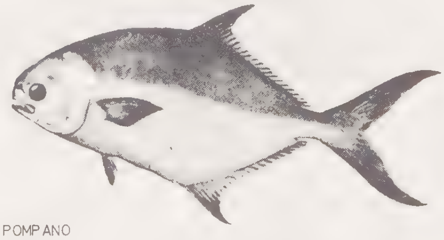
SARDINE, PACIFIC (PILCHARD)
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES, LAMPARA AND RING NETS,
GILL NETS



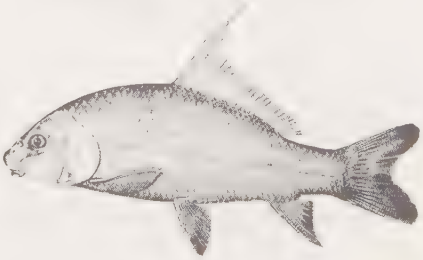
PINFISH
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - HAUL SEINES, GILL NETS



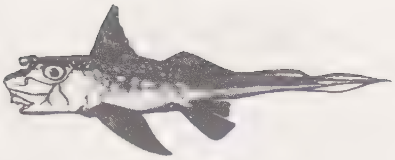
POLLOCK
RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - LONGLINES, FLOATING TRAPS, POUND NETS,
OTTER TRAWLS, GILL NETS

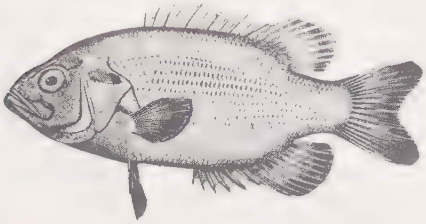


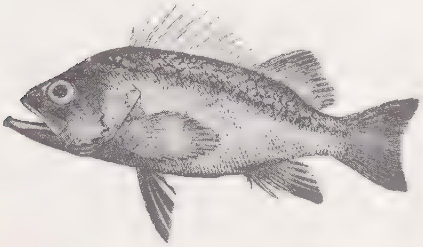
POMPANO
RANGE - TEXAS TO NORTH CAROLINA
GEAR - TRAMMEL NETS, HAUL SEINES, GILL NETS,
HANDLINES

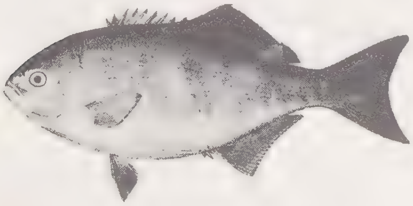


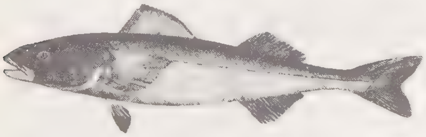
QUILLBACK
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROTLINES, FYKE NETS


RATFISH
RANGE - WASHINGTON TO ALASKA
GEAR - BEAM TRAWLS, LONGLINES

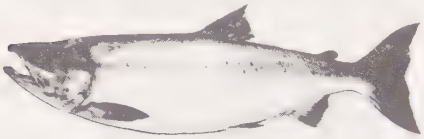

ROCK BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKE NETS, HAUL SEINES, GILL NETS

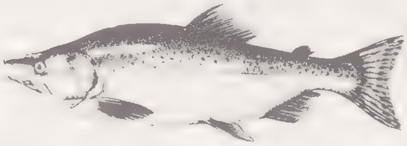

ROCKFISH
RANGE - CALIFORNIA TO ALASKA
GEAR - LINES, OTTER TRAWLS, PARANZELLA NETS, GILL NETS

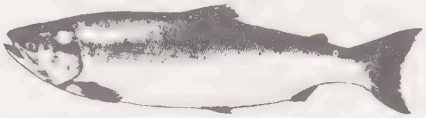

RUDDERFISH
RANGE - CALIFORNIA
GEAR - LAMPARA AND RING NETS

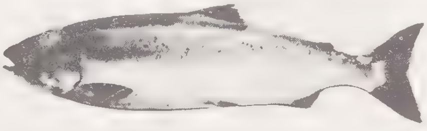

SABLEFISH
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - LONGLINES, OTTER TRAWLS

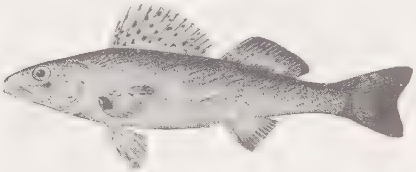
SALMON, CHINOOK OR KING
RANGE - CALIFORNIA TO ALASKA
GEAR - POUND NETS, PURSE SEINES, GILL NETS, HAUL SEINES, TROLL LINES, REEF NETS


SALMON, CHUM OR KETA
RANGE - OREGON TO ALASKA
GEAR - POUND NETS, PURSE SEINES, GILL NETS, HAUL SEINES, REEF NETS

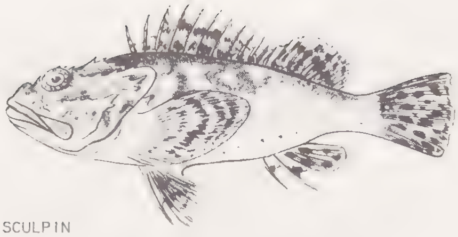

SALMON, PINK
RANGE - WASHINGTON TO ALASKA
GEAR - PURSE SEINES, POUND NETS, GILL NETS REEF NETS


SALMON, RED OR SOCKEYE
RANGE - OREGON TO ALASKA
GEAR - GILL NETS, PURSE SEINES, POUND NETS, REEF NETS

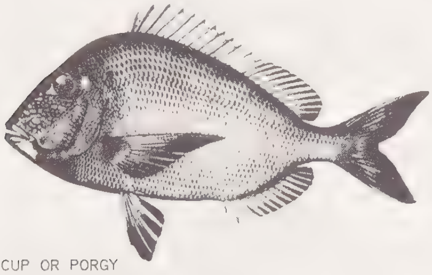

SALMON, SILVER OR COHO
RANGE - CALIFORNIA TO ALASKA
GEAR - HAUL SEINES, PURSE SEINES, GILL NETS, TROLL LINES, POUND NETS, REEF NETS


SAUGER
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, TRAP NETS, FYKE NETS

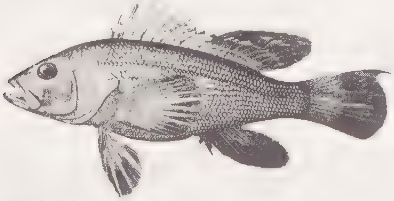
PICTORIAL SECTION



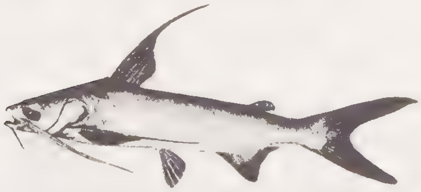
SCULPIN
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - LINES, GILL NETS, POTS



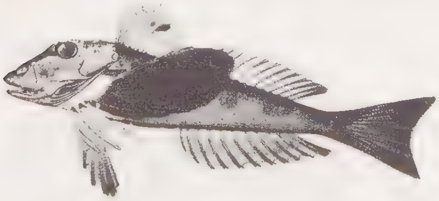
SCUP OR PORGY
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, POUND NETS



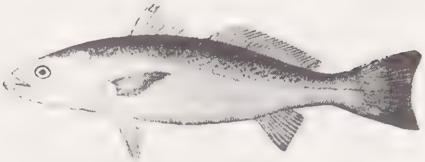
SEA BASS
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, HANDLINES, POTS



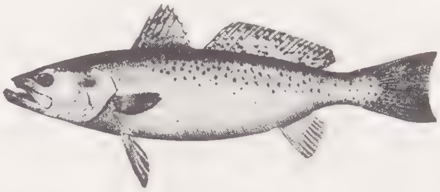
SEA CATFISH
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - OTTER TRAWLS, HAUL SEINES, HANDLINES



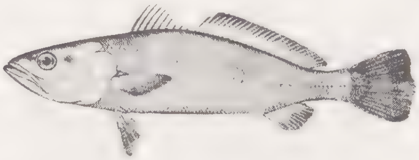
SEA ROBIN
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, OTTER TRAWLS



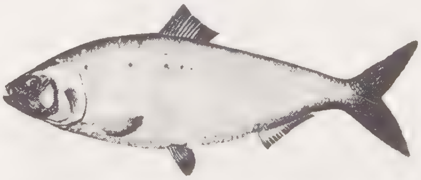
SEA TROUT OR WEAKFISH, GRAY
RANGE - FLORIDA TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS, PURSE SEINES,
GILL NETS, HAUL SEINES



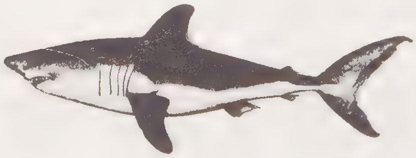
SEA TROUT OR WEAKFISH, SPOTTED
RANGE - MARYLAND TO TEXAS
GEAR - GILL NETS, TRAMMEL NETS, HAUL SEINES,
POUND NETS, OTTER TRAWLS, HANDLINES



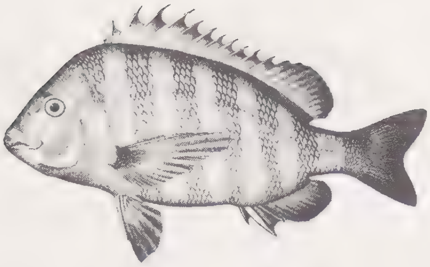
SEA TROUT OR WEAKFISH, WHITE
RANGE - GULF OF MEXICO
GEAR - GILL NETS, HAUL SEINES, HANDLINES



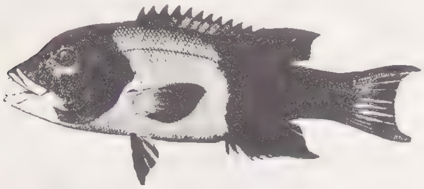
SHAD
RANGE - FLORIDA TO NEW ENGLAND
GEAR - GILL NETS, POUND NETS, FYKE NETS,
HAUL SEINES



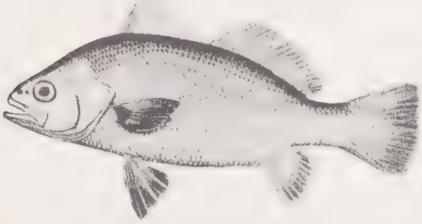
SHARK
RANGE - ATLANTIC COAST, GULF, PACIFIC COAST STATES
GEAR - LONGLINES, GILL NETS, OTTER TRAWLS



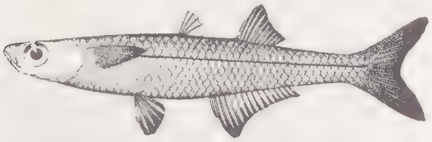
SHEEPSHEAD
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - HANDLINES, POTS



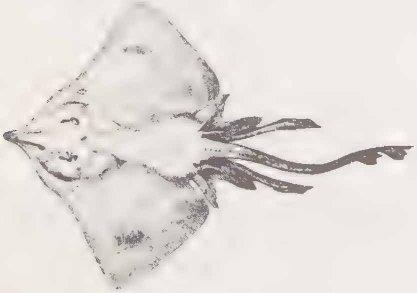
SHEEPSHEAD, CALIFORNIA
RANGE - CALIFORNIA
GEAR - LONGLINES, TRAMMEL NETS



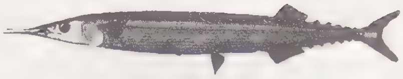
SAND PERCH
RANGE - TEXAS TO NEW YORK
GEAR - HAUL SEINES, GILL NETS, POUND NETS



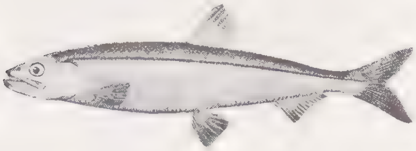
SILVERSIDES
RANGE - NEW YORK
GEAR - HAUL SEINES, OTTER TRAWLS



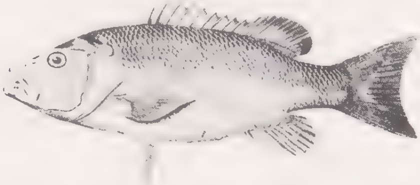
SKATE
RANGE - PACIFIC COAST, CHESAPEAKE BAY TO NEW ENGLAND
GEAR - LINES, OTTER TRAWLS, POUND NETS, HAUL SEINES



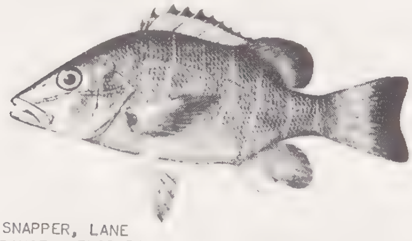
SKIPPER
RANGE - VIRGINIA TO NOVA SCOTIA
GEAR - POUND NETS, WEIRS



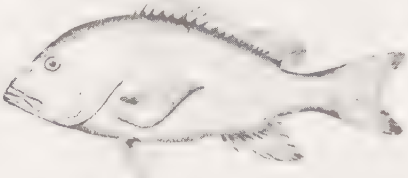
SMELT
RANGE - NEW YORK TO MAINE, PACIFIC OCEAN,
GREAT LAKES
GEAR - POUND NETS, DIP NETS, GILL NETS, HAUL SEINES



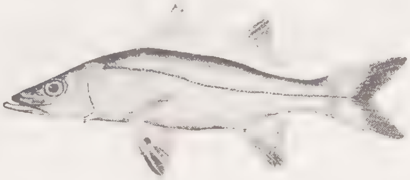
SNAPPER, MANGROVE
RANGE - FLORIDA
GEAR - HANDLINES, GILL NETS



SNAPPER, LANE
RANGE - FLORIDA
GEAR - HANDLINES

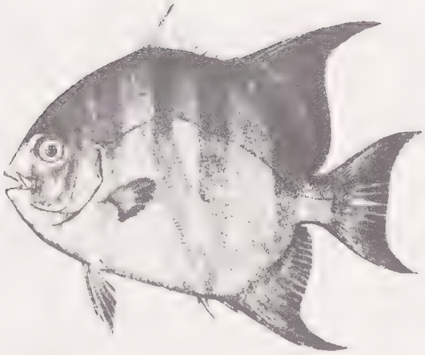


SNAPPER, RED
RANGE - TEXAS TO FLORIDA
GEAR - HANDLINES

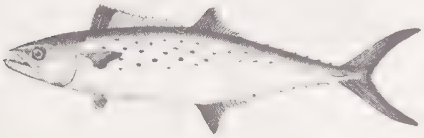


SNOOK
RANGE - TEXAS TO FLORIDA
GEAR - GILL NETS, HANDLINES, HAUL SEINES

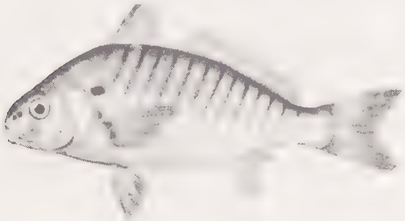
PICTORIAL SECTION



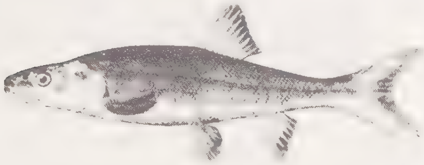
SPADEFISH
RANGE - FLORIDA
GEAR - GILL NETS, TRAMMEL NETS



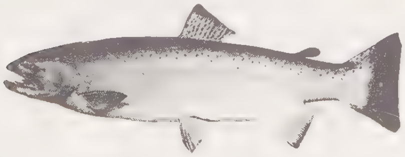
SPANISH MACKEREL
RANGE - TEXAS TO VIRGINIA
GEAR - GILL NETS, LINES, HAUL SEINES



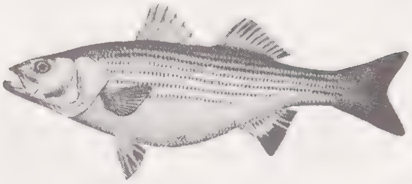
SPOT
RANGE - GULF OF MEXICO TO MIDDLE ATLANTIC STATES
GEAR - HAUL SEINES, GILL NETS, POUND NETS,
OTTER TRAWLS



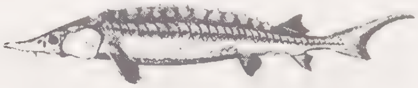
SQUAWFISH
RANGE - CALIFORNIA
GEAR - FYKE NETS, GILL NETS



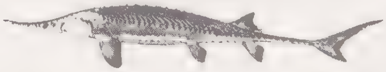
STEELHEAD TROUT
RANGE - OREGON TO ALASKA
GEAR - HAUL SEINES, POUND NETS, GILL NETS,
LINES, DIP NETS



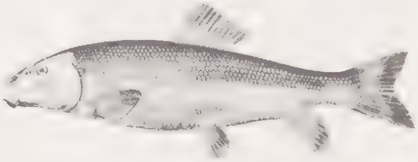
STRIPED BASS
RANGE - NORTH CAROLINA TO NEW ENGLAND, CALIFORNIA
TO OREGON
GEAR - HAUL SEINES, GILL NETS, POUND NETS,
HANDLINES, FYKE NETS



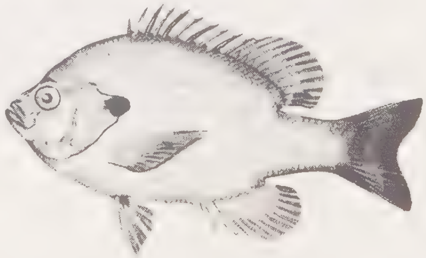
STURGEON
RANGE - COASTAL AND RIVER AREAS
GEAR - GILL NETS, LINES



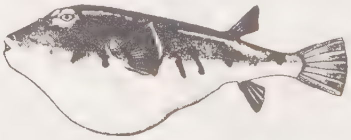
STURGEON, SHOVELNOSE
RANGE - FRESH-WATER
GEAR - HAUL SEINES, LINES, POUND NETS



SUCKER
RANGE - FRESH-WATER
GEAR - POUND NETS, FYKE NETS, GILL NETS,
HAUL SEINES, TRAP NETS

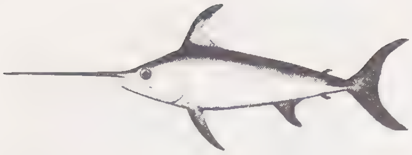


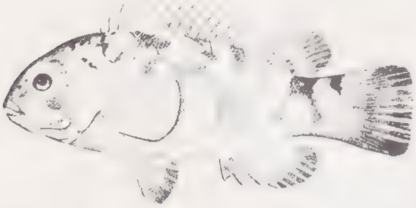
SUNFISH
RANGE - FRESH-WATER
GEAR - POTS, SEINES, TRAP NETS

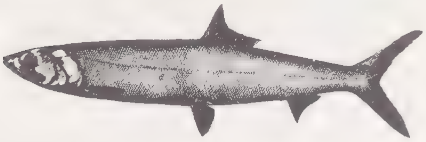


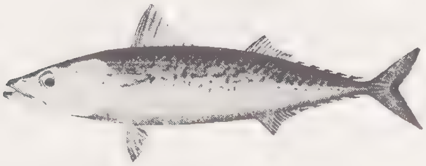
SWELLFISH
RANGE - CHESAPEAKE BAY TO MIDDLE ATLANTIC
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS

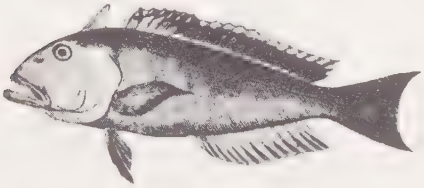
PICTORIAL SECTION

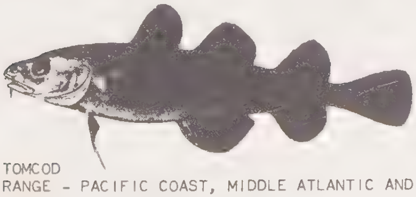

SWORDFISH
RANGE - NEW ENGLAND AND CALIFORNIA
GEAR - HARPOONS

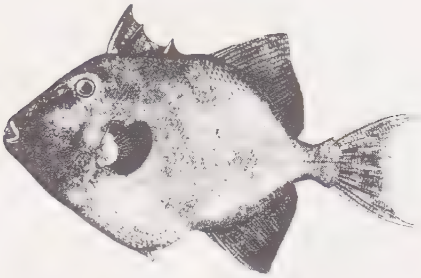

TAUTOG
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, HANDLINES, POTS

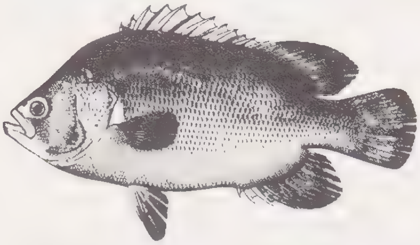

TENPOUNDER
RANGE - FLORIDA
GEAR - HAUL SEINES

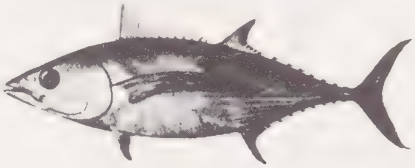

THIMBLE-EYED MACKEREL
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, PURSE SEINES, OTTER TRAWLS

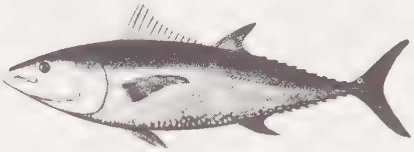

TILEFISH
RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - LONGLINES, REEF NETS, OTTER TRAWLS

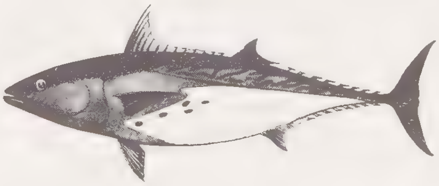

TOMCOD
RANGE - PACIFIC COAST, MIDDLE ATLANTIC AND
NEW ENGLAND STATES
GEAR - OTTER TRAWLS, DIP NETS


TRIGGERFISH
RANGE - FLORIDA
GEAR - HANDLINES

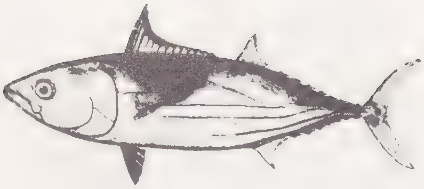

TRIPLETAIL
RANGE - FLORIDA
GEAR - HAUL SEINES, GILL NETS, LINES

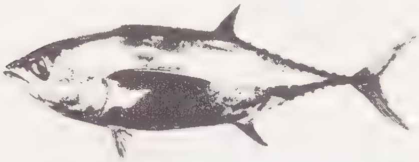

TUNA, ALBACORE
RANGE - PACIFIC COAST
GEAR - LINES

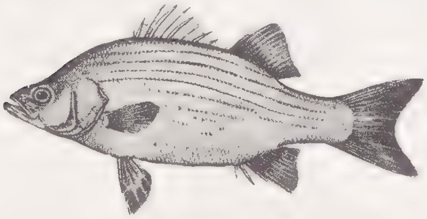

TUNA, BLUEFIN
RANGE - CALIFORNIA, NEW JERSEY TO MAINE
GEAR - PURSE SEINES, LAMPARA NETS, TROLL LINES,
POUND NETS, HARPOONS

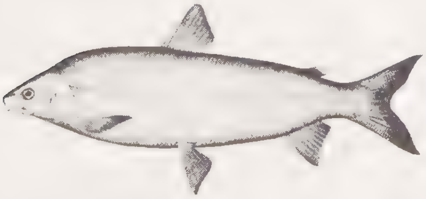

TUNA, LITTLE
RANGE - MASSACHUSETTS TO TEXAS
GEAR - POUND NETS, TROLL LINES, OTTER TRAWLS

PICTORIAL SECTION

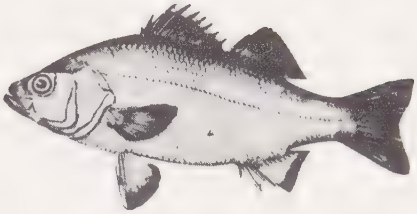

TUNA, SKIPJACK
RANGE - CALIFORNIA
GEAR - LINES AND PURSE SEINES

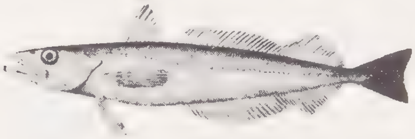

TUNA, YELLOWFIN
RANGE - PACIFIC
GEAR - LINES AND PURSE SEINES

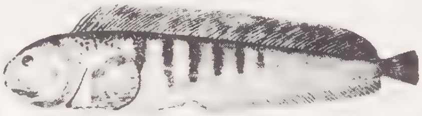

WHITE BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKE NETS, HAUL SEINES,
POUND NETS

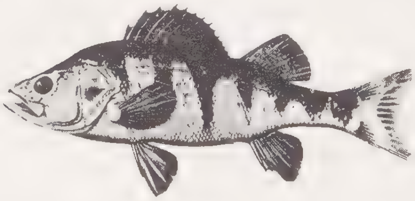

WHITEFISH, COMMON
RANGE - GREAT LAKES
GEAR - GILL NETS, POUND NETS, TRAP NETS

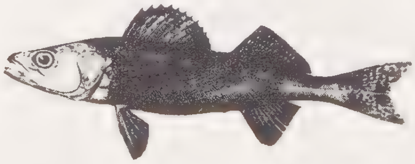
WHITEFISH, MENOMINEE
RANGE - ALASKA, GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, TRAP NETS,
POUND NETS


WHITE PERCH
RANGE - NORTH CAROLINA TO MAINE
GEAR - POUND NETS, FYKE NETS, HAUL SEINES

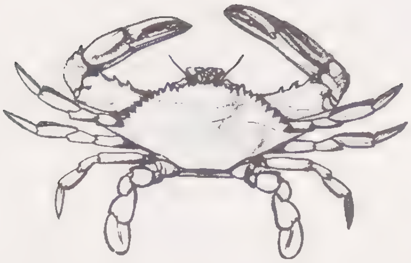

WHITING
RANGE - VIRGINIA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS


WOLFFISH
RANGE - MASSACHUSETTS AND MAINE
GEAR - OTTER TRAWLS, LONGLINES

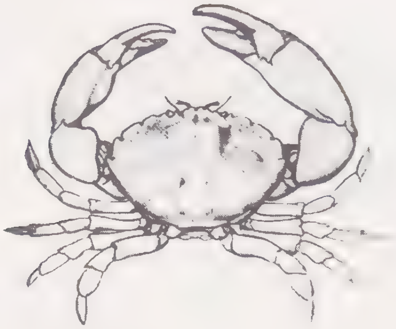

YELLOW PERCH
RANGE - GREAT LAKES, OTHER LAKES
GEAR - GILL NETS, TRAP NETS, POUND NETS,
FYKE NETS


YELLOW PIKE
RANGE - GREAT LAKES
GEAR - POUND NETS, FYKE NETS, GILL NETS,
TRAP NETS

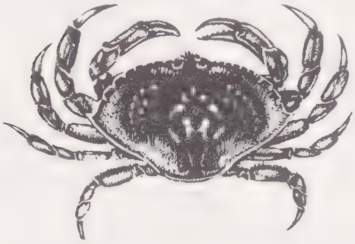
PICTORIAL SECTION



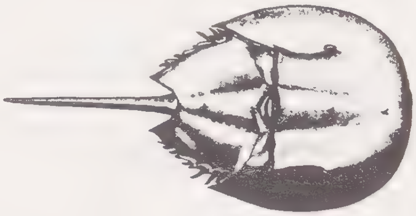
BLUE CRAB
RANGE - TEXAS TO RHODE ISLAND
GEAR - TROTLINES, POTS, FYKE NETS, DIP NETS, SCRAPES, DREDGES



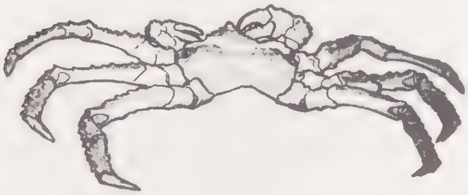
STONE CRAB
RANGE - FLORIDA
GEAR - DIP NETS, CRAB POTS



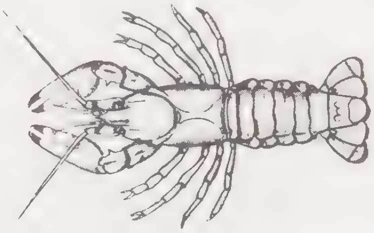
DUNGENESS CRAB
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - TRAPS



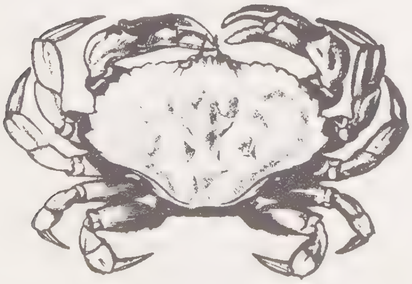
HORSESHOE CRAB
RANGE - MARYLAND TO NEW YORK
GEAR - POUND NETS, WEIRS, BY HAND



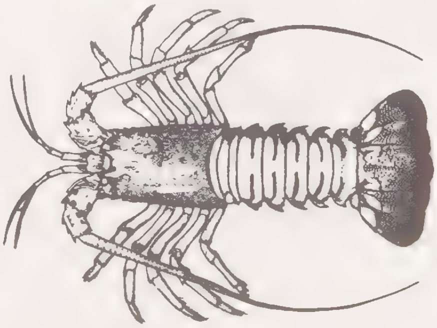
KING CRAB
RANGE - ALASKA
GEAR - POTS



FRESH-WATER CRAWFISH
RANGE - RIVERS AND LAKES
GEAR - POTS



ROCK CRAB
RANGE - NEW ENGLAND
GEAR - POTS

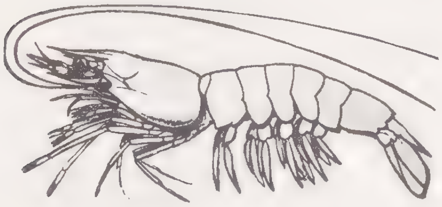


SPINY LOBSTER
RANGE - CALIFORNIA AND FLORIDA
GEAR - DIP NETS, POTS, HOOKS

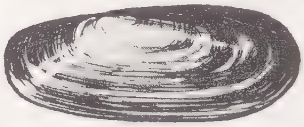
PICTORIAL SECTION

LOBSTER, NORTHERN
RANGE - VIRGINIA TO MAINE
GEAR - POTS, OTTER TRAWLS

HARD CLAM
RANGE - FLORIDA TO MAINE
GEAR - HOES, DREDGES, TONGS, RAKES, BY HAND

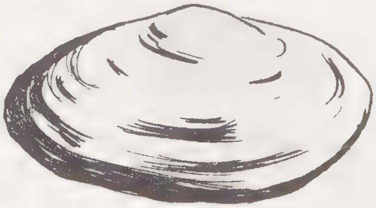


SHRIMP
RANGE - TEXAS TO NORTH CAROLINA, MAINE,
CALIFORNIA, WASHINGTON, AND ALASKA
GEAR - SHRIMP TRAWLS



RAZOR CLAM, PACIFIC
RANGE - OREGON, WASHINGTON AND ALASKA
GEAR - SHOVELS

BUTTER CLAM
RANGE - PACIFIC COAST
GEAR - SHOVELS

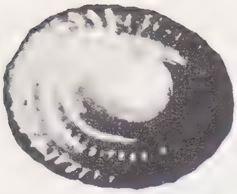


SOFT CLAM
RANGE - MIDDLE ATLANTIC TO NEW ENGLAND,
PACIFIC COAST STATES
GEAR - FORKS, HOES, RAKES, DREDGES

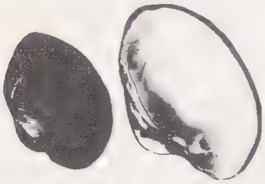
LITTLE NECK CLAM
RANGE - PACIFIC COAST
GEAR - SHOVELS

CONCH
RANGE - FLORIDA TO MAINE
GEAR - OTTER TRAWLS, DREDGES, POTS, AND BY HAND

PICTORIAL SECTION



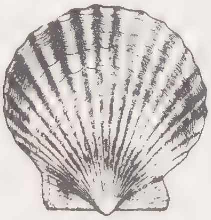
LIMPET
RANGE - NEW YORK AND NEW ENGLAND
GEAR - DREDGES



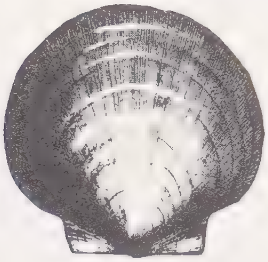
FRESH-WATER MUSSEL
RANGE - FRESH-WATER STREAMS
GEAR - CROWFOOT BARS, PICKS, HAND

SEA MUSSEL
RANGE - NORTH CAROLINA TO MAINE
GEAR - DREDGES, TONGS, RAKES, HAND

OYSTER
RANGE - TEXAS TO MASSACHUSETTS, PACIFIC COAST
GEAR - TONGS, DREDGES, RAKES, BY HAND

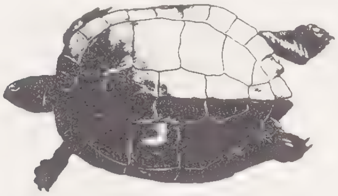


BAY SCALLOP
RANGE - FLORIDA TO MASSACHUSETTS, WASHINGTON
GEAR - DREDGES, SCRAPES, PUSH NETS, TONGS, RAKES, DIP NETS



SEA SCALLOP
RANGE - NEW JERSEY TO MAINE
GEAR - DREDGES, OTTER TRAWLS

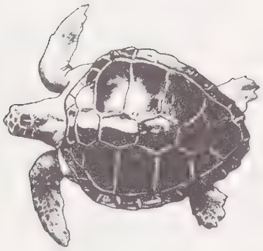
STARFISH
RANGE - ATLANTIC AND PACIFIC COAST
GEAR - HOOKS, SCRAPES, "MOPS"



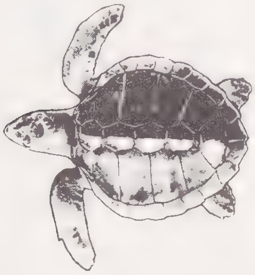
TERRAPIN
RANGE - TEXAS TO NEW JERSEY
GEAR - HAUL SEINES, BY HAND

GREEN TURTLE
RANGE - FLORIDA
GEAR - GILL NETS

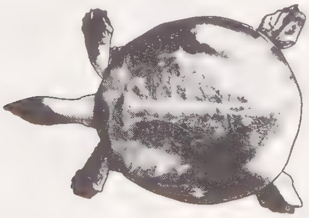
PICTORIAL SECTION



LOGGERHEAD TURTLE
RANGE - FLORIDA TO NEW JERSEY
GEAR - GILL NETS



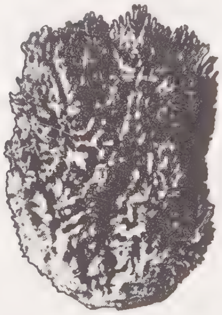
HAWKSBILL TURTLE
RANGE - GULF OF MEXICO, AND ATLANTIC COAST TO NEW YORK
GEAR - BY HAND, POUND NETS



SOFT-SHELL TURTLE
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, FYKE NETS, POTS

FROG
RANGE - FRESH-WATER, MARSHES, POND
GEAR - SPEARS, GRABS

SQUID
RANGE - VIRGINIA TO MAINE, CALIFORNIA AND WASHINGTON
GEAR - LAMPARA NETS, GILL NETS, OTTER TRAWLS, POUND NETS



SPONGE
RANGE - FLORIDA
GEAR - HOOKS, DIVING OUTFITS

IRISH MOSS
RANGE - NEW ENGLAND
GEAR - RAKES

SECTION 17 - STATISTICAL PUBLICATIONS

THE FOLLOWING LIST OF PUBLICATIONS INCLUDES ALL REPORTS ISSUED IN THE CURRENT FISHERY STATISTICS SERIES DURING 1966.

C.F.S. NO.	TITLE
3971	SHRIMP LANDINGS, MAY, 1965
3972	NEW YORK LANDINGS, SEPTEMBER, 1965
3973	NORTH CAROLINA LANDINGS, OCTOBER, 1965
3974	SOUTH CAROLINA LANDINGS, SEPTEMBER, 1965
3975	GULF COAST SHRIMP DATA, MAY, 1965
3976	ALABAMA LANDINGS, SEPTEMBER, 1965
3977	MAINE LANDINGS, SEPTEMBER, 1965
3978	MASSACHUSETTS LANDINGS, APRIL, 1965
3979	MASSACHUSETTS LANDINGS, MAY, 1965
3980	FROZEN FISHERY PRODUCTS, NOVEMBER, 1965
3981	MASSACHUSETTS LANDINGS, JUNE, 1965
3982	MARYLAND LANDINGS, SEPTEMBER, 1965
3983	ALASKA FISHERIES, ANNUAL, 1964
3984	MICHIGAN, OHIO AND WISCONSIN LANDINGS, SEPTEMBER, 1965
3985	MICHIGAN, OHIO AND WISCONSIN LANDINGS, OCTOBER, 1965
3986	FLORIDA LANDINGS, OCTOBER, 1965
3987	FISH MEAL AND OIL, OCTOBER, 1965
3988	LOUISIANA LANDINGS, SEPTEMBER, 1965
3989	NEW JERSEY LANDINGS, OCTOBER, 1965
3990	LOUISIANA LANDINGS, OCTOBER, 1965
3991	CALIFORNIA LANDINGS, AUGUST, 1965
3992	MARYLAND LANDINGS, OCTOBER, 1965
3993	RHODE ISLAND LANDINGS, AUGUST, 1965
3994	NORTH CAROLINA LANDINGS, NOVEMBER, 1965
3995	TEXAS LANDINGS, SEPTEMBER, 1965
3996	VIRGINIA LANDINGS, SEPTEMBER, 1965
3997	MISSISSIPPI LANDINGS, SEPTEMBER, 1965
3998	SOUTH CAROLINA LANDINGS, OCTOBER, 1965
3999	GEORGIA LANDINGS, OCTOBER, 1965
4000	FROZEN FISHERY PRODUCTS, DECEMBER, 1965
4001	RHODE ISLAND LANDINGS, SEPTEMBER, 1965
4002	PACIFIC COAST FISHERIES, ANNUAL, 1964
4003	MAINE LANDINGS, OCTOBER, 1965
4004	FLORIDA LANDINGS, NOVEMBER, 1965
4005	FISH MEAL AND OIL, NOVEMBER, 1965
4006	SHRIMP LANDINGS, JUNE, 1965
4007	SHRIMP LANDINGS, JULY, 1965
4008	GULF COAST SHRIMP DATA, JUNE, 1965
4009	GULF COAST SHRIMP DATA, JULY, 1965
4010	TEXAS LANDINGS, OCTOBER, 1965
4011	GEORGIA LANDINGS, NOVEMBER, 1965
4012	ALABAMA LANDINGS, OCTOBER, 1965
4013	SOUTH CAROLINA LANDINGS, NOVEMBER, 1965
4014	MASSACHUSETTS LANDINGS, JULY, 1965
4015	MASSACHUSETTS LANDINGS, AUGUST, 1965
4016	LOUISIANA LANDINGS, NOVEMBER, 1965
4017	MISSISSIPPI LANDINGS, OCTOBER, 1965
4018	VIRGINIA LANDINGS, OCTOBER, 1965
4019	NEW JERSEY LANDINGS, NOVEMBER, 1965
4020	FROZEN FISHERY PRODUCTS, JANUARY, 1966
4021	NEW YORK LANDINGS, OCTOBER, 1965
4022	NEW YORK LANDINGS, NOVEMBER, 1965
4023	SHRIMP LANDINGS, AUGUST, 1965
4024	GULF COAST SHRIMP DATA, AUGUST, 1965
4025	MARYLAND LANDINGS, NOVEMBER, 1965
4026	MANUFACTURED FISHERY PRODUCTS, ANNUAL, 1964
4027	MAINE LANDINGS, NOVEMBER, 1965
4028	RHODE ISLAND LANDINGS, OCTOBER, 1965
4029	TEXAS LANDINGS, NOVEMBER, 1965
4030	VIRGINIA LANDINGS, NOVEMBER, 1965
4031	NORTH CAROLINA LANDINGS, DECEMBER, 1965
4032	SHRIMP LANDINGS, SEPTEMBER, 1965
4033	GULF COAST SHRIMP DATA, SEPTEMBER, 1965
4034	FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, OCTOBER-DECEMBER, 1965
4035	CALIFORNIA LANDINGS, SEPTEMBER, 1965
4036	TEXAS LANDINGS, DECEMBER, 1965
4037	CALIFORNIA LANDINGS, OCTOBER, 1965
4038	FISH MEAL AND OIL, DECEMBER, 1965
4039	FLORIDA LANDINGS, DECEMBER, 1965
4040	FISH MEAL AND OIL, ANNUAL, 1965
4041	MARYLAND LANDINGS, DECEMBER, 1965
4042	MISSISSIPPI LANDINGS, NOVEMBER, 1965
4043	SHRIMP LANDINGS, OCTOBER, 1965
4044	GULF COAST SHRIMP DATA, OCTOBER, 1965
4045	ALABAMA LANDINGS, NOVEMBER, 1965
4046	GEORGIA LANDINGS, DECEMBER, 1965
4047	NEW YORK LANDINGS, DECEMBER, 1965
4048	MICHIGAN, OHIO AND WISCONSIN LANDINGS, NOVEMBER, 1965
4049	NEW JERSEY LANDINGS, DECEMBER, 1965
4050	RHODE ISLAND LANDINGS, NOVEMBER, 1965
4051	ALABAMA LANDINGS, DECEMBER, 1965
4052	MISSISSIPPI LANDINGS, DECEMBER, 1965
4053	SOUTH CAROLINA LANDINGS, DECEMBER, 1965
4054	FROZEN FISHERY PRODUCTS, ANNUAL, 1965
4055	PACKAGED FISHERY PRODUCTS, ANNUAL, 1965
4056	INDUSTRIAL FISHERY PRODUCTS, ANNUAL, 1965
4057	CANNED FISHERY PRODUCTS, ANNUAL, 1965
4058	CALIFORNIA LANDINGS, NOVEMBER, 1965
4059	FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, ANNUAL, 1965
4060	FROZEN FISHERY PRODUCTS, FEBRUARY, 1966
4061	MAINE LANDINGS, DECEMBER, 1965
4062	SHRIMP LANDINGS, NOVEMBER, 1965
4063	MASSACHUSETTS LANDINGS, SEPTEMBER, 1965
4064	MASSACHUSETTS LANDINGS, OCTOBER, 1965
4065	CALIFORNIA LANDINGS, DECEMBER, 1965
4066	GULF COAST SHRIMP DATA, NOVEMBER, 1965
4067	MASSACHUSETTS LANDINGS, NOVEMBER, 1965
4068	FISH MEAL AND OIL, JANUARY, 1966
4069	NORTH CAROLINA LANDINGS, JANUARY, 1966
4070	NEW JERSEY LANDINGS, ANNUAL, 1965
4071	NEW JERSEY LANDINGS, JANUARY, 1966
4072	LOUISIANA LANDINGS, DECEMBER, 1965
4073	RHODE ISLAND LANDINGS, DECEMBER, 1965
4074	VIRGINIA LANDINGS, DECEMBER, 1965
4075	VIRGINIA LANDINGS, JANUARY, 1966
4076	FLORIDA LANDINGS, JANUARY, 1966
4077	NEW YORK LANDINGS, ANNUAL, 1965
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Created in 1849, the Department of the Interior--a department of conservation--is concerned with the management, conservation, and development of the Nation's water, fish, wildlife, mineral, forest, and park and recreational resources. It also has major responsibilities for Indian and Territorial affairs.

As the Nation's principal conservation agency, the Department works to assure that nonrenewable resources are developed and used wisely, that park and recreational resources are conserved for the future, and that renewable resources make their full contribution to the progress, prosperity, and security of the United States--now and in the future.

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